



## COMAND Operator's Manual



Mercedes-Benz

## **Welcome to COMAND!**

Please make yourself familiar with your COMAND control unit and read the instructions in this manual before operating the COMAND system. This will help you derive a greater benefit from the system. Please also follow the instructions and warnings contained in this manual. Ignoring them could result in damage to the vehicle or personal injury to you or others.

The asterisk\* identifies optional equipment. Depending on model, version and configuration, your COMAND system equipment may differ. Therefore, you may find explanations for optional equipment not installed in your vehicle. If you have any questions about the operation of any equipment, your authorized Mercedes-Benz Center will be glad to demonstrate the proper procedures.

We continuously strive to improve our product and ask for your understanding that we reserve the right to make changes in design and equipment. Therefore, information, illustrations and descriptions in this manual might differ from the equipment installed in your vehicle. As such, the information, illustrations and descriptions contained in this manual may not be reasonably relied upon in making any claims with respect to the actual performance of the product.

These operating instructions form an integral part of the vehicle and should therefore always be kept inside the vehicle and passed on to the new owner if the vehicle is sold.

We extend our best wishes for many miles of safe, pleasurable driving.

Mercedes-Benz USA, LLC  
A DaimlerChrysler Company



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## Contents

▼ **Where to find it**

This Operator's Manual is designed to provide support for you, the COMAND operator. Each chapter has its own guide color to provide fast access to information.

**At a glance**

Here you will find an overview of all COMAND control elements and system components. If you are operating COMAND for the first time, or if you have rented or borrowed the vehicle, this is the chapter you should read first.

**Audio**

Here you will find all the information on how to use the audio system and its radio and CD components.

**Satellite radio\***

This chapter contains all information related to the satellite radio system.

**Telephone\***

Here you can learn in detail about the many functions of the telephone, SMS, how to initiate an emergency call and use service numbers.

**Navigation\***

This chapter provides detailed information covering the following topics:

- Destination entry
- Route selection and calculation
- Route guidance
- Destination memory

**Service**

This chapter contains information concerning Tele Aid\*.

**System**

This chapter provides information on how to adjust COMAND system settings.

**Directories**

The glossary explains the most important technical terms.

The table of contents and index directory will help you quickly locate the information you need.



## Introduction

### Symbols

The following symbols are used in this Operator's Manual:

#### Warning



Warning notices draw your attention to hazards that may endanger your health or life, or the health or life of others.



Highlights hazards that may result in damage to your COMAND.



Helpful hints or further information you may find useful.

\* The asterisk identifies optional equipment. Since not all models have the same standard equipment, your COMAND system's equipment may deviate from some descriptions and illustrations.

▶ This symbol points to instructions for you to follow.

▶ A number of these symbols appearing in succession indicates a multiple-step procedure.

▷▷ This continuation symbol marks an interrupted procedure which will be continued on the next page.

▷ page This symbol tells you where to look for further information on this subject.

-> This symbol is used in the glossary. It indicates that the term immediately following the symbol is also explained in the glossary.

Display Words appearing on the COMAND display or the multi-function display are printed in the type shown here.

▼ **Operating safety**

**Warning**



Any alterations made to electronic components and the software can cause malfunctions.

The radio, amplifier, satellite radio\*, CD changer\*, navigation module\*, telephone\* and voice control system\* are interconnected. Therefore, when one of the components is not operational or has not been removed/ replaced properly, the function of other components may be impaired.

This condition might seriously impair the operating safety of your vehicle.

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

**Warning**



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

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

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

**Warning**



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

The navigation system does not supply any information on stop signs, yield signs, traffic regulations or traffic safety rules. This always remains your personal responsibility when you drive. DVD maps do not cover all areas nor all routes within an area.



## **At a glance**

**Radio operating elements**

**Single CD operating elements**

**MP3 operating elements**

**CD changer\* operating elements**

**Telephone\* operating elements**

**Navigation\* operating elements**

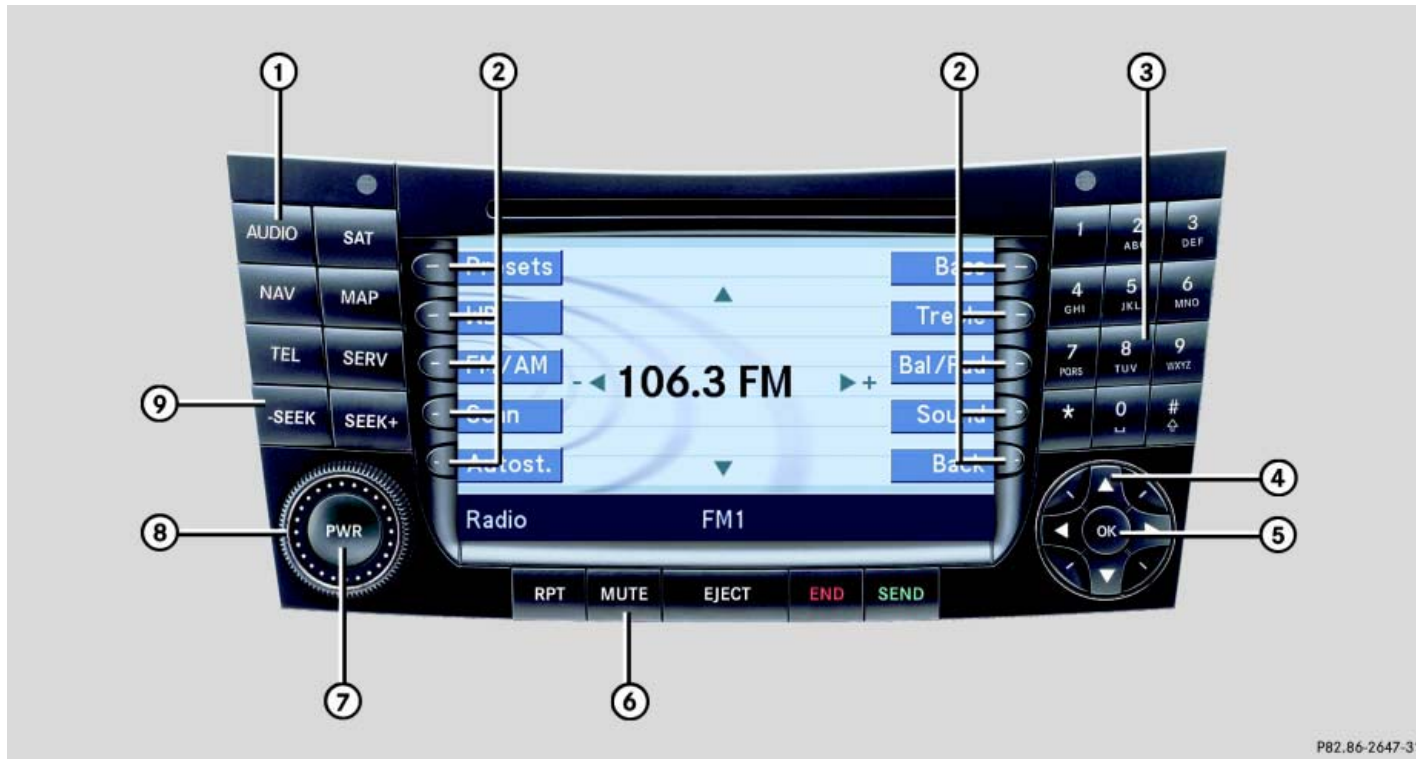
**Multifunction steering wheel**

**Menu system**

**Quick reference COMAND**

## At a glance

### Radio operating elements



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## At a glance

### Radio operating elements

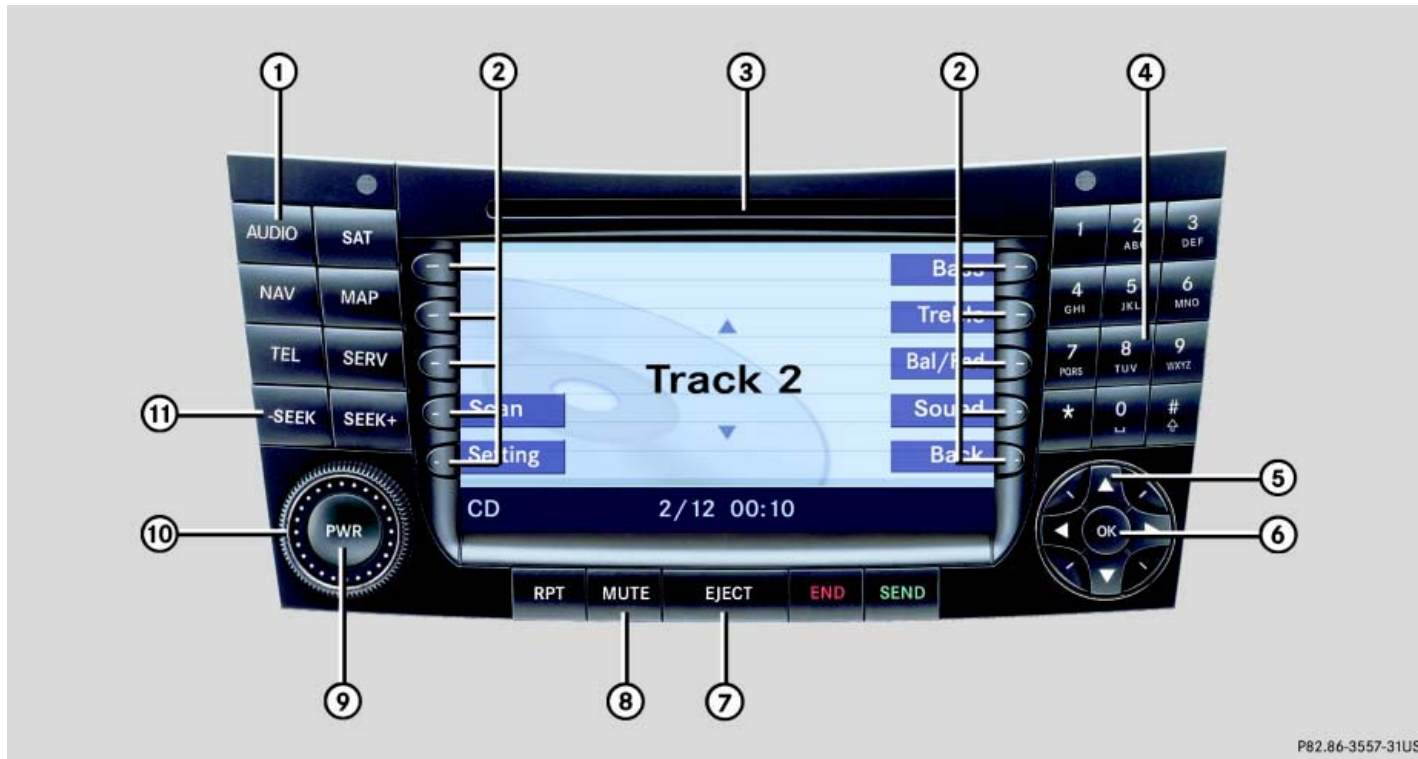
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## At a glance

### Single CD operating elements



## At a glance

### Single CD operating elements

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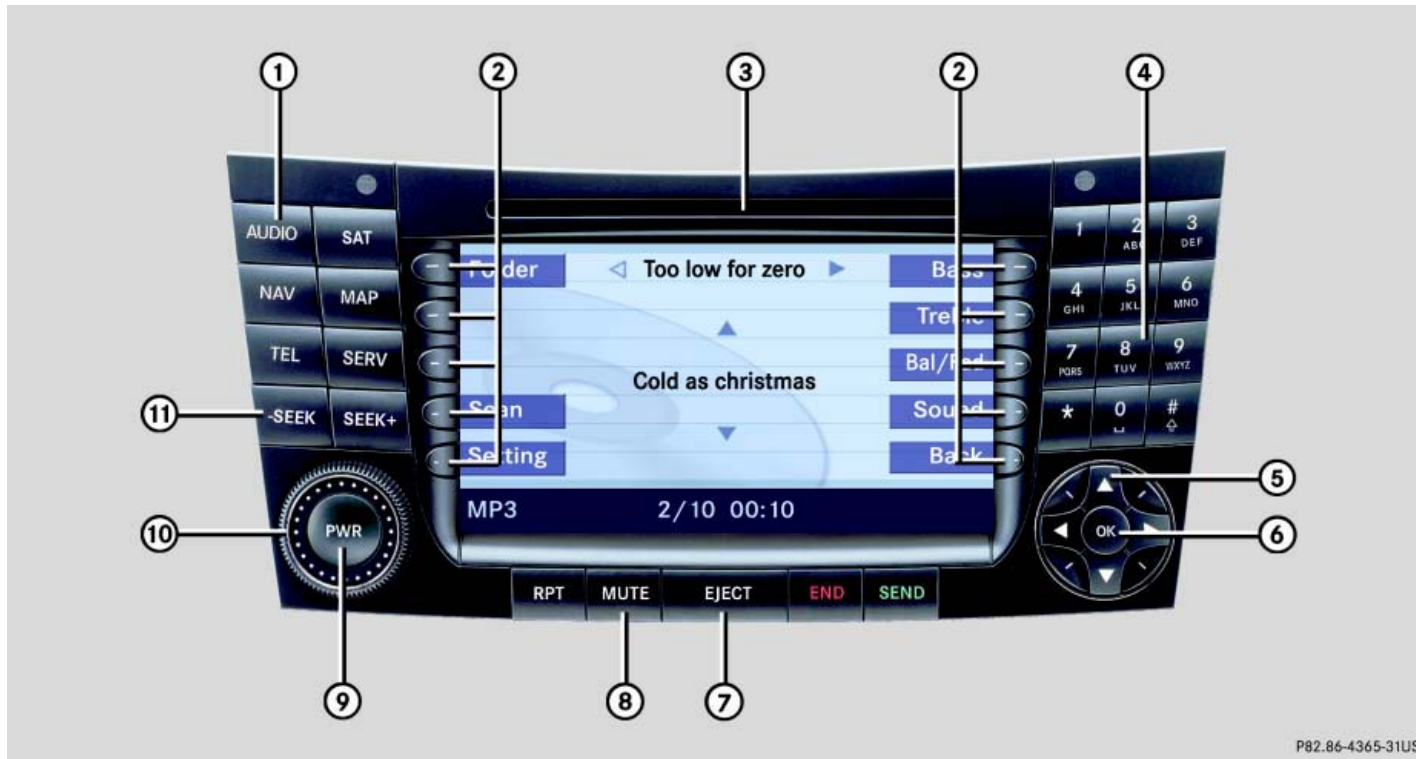
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## At a glance


### MP3 operating elements









P82.86-4365-31US

## At a glance

### MP3 operating elements

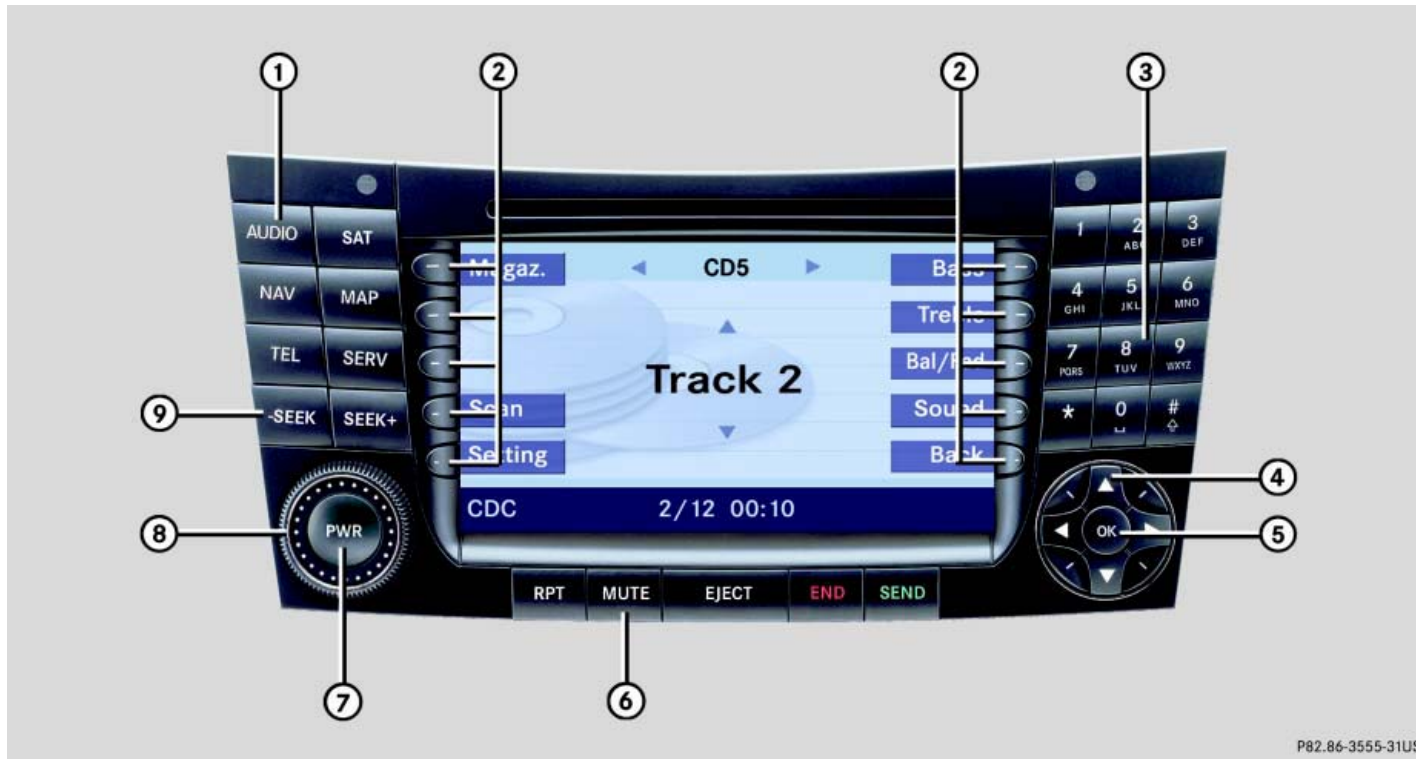
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## At a glance

### CD changer\* operating elements



## At a glance

### CD changer\* operating elements

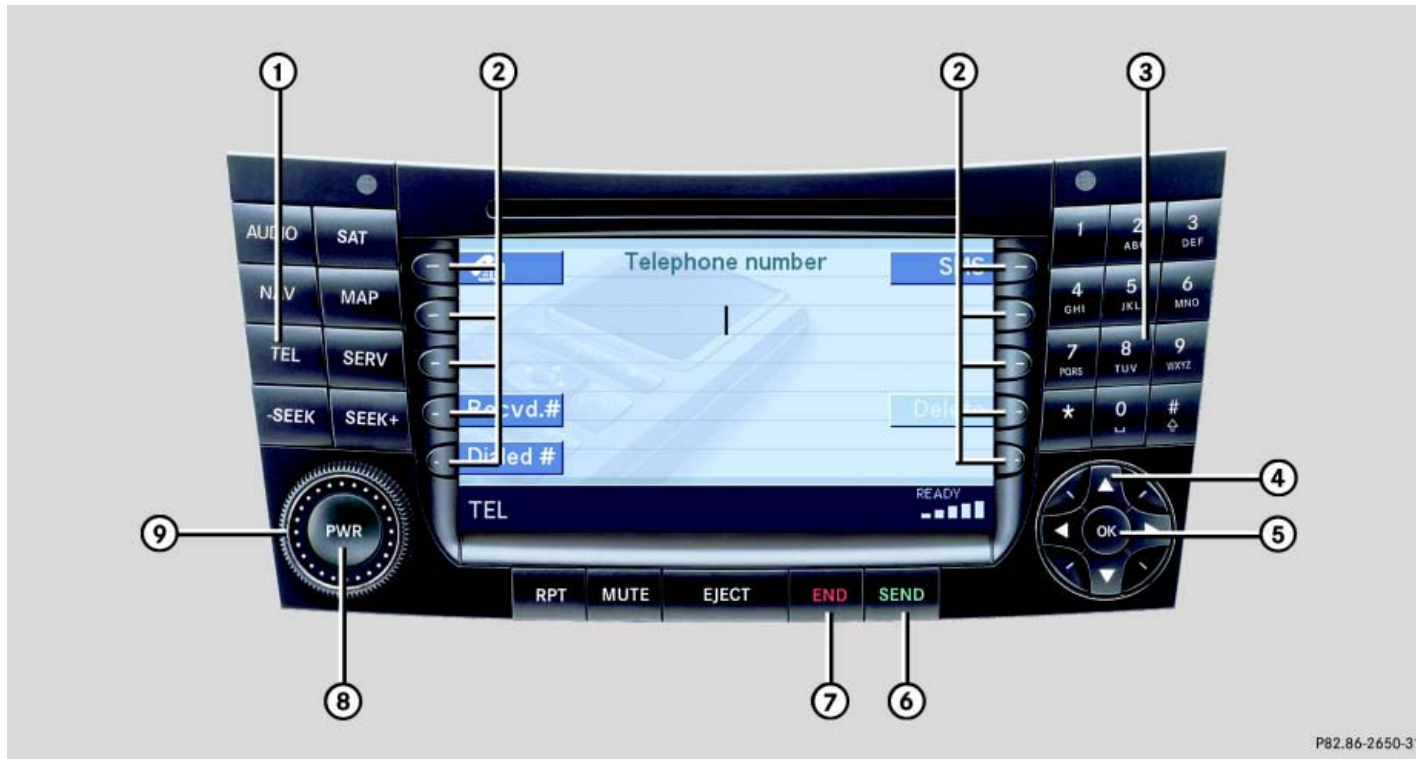
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## At a glance

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## At a glance

### Telephone\* operating elements

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## At a glance


### Navigation\* operating elements





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## At a glance

### Navigation\* operating elements

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## At a glance

### Multifunction steering wheel



P46.10-2396-31

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## At a glance

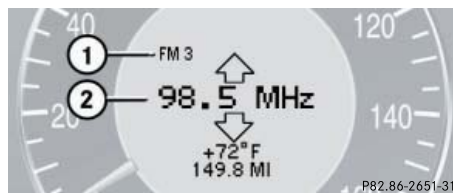
### Multifunction steering wheel

Switch the multifunction display to the respective system if you wish to operate the system using the buttons on the multifunction steering wheel.

#### Selecting the multifunction display

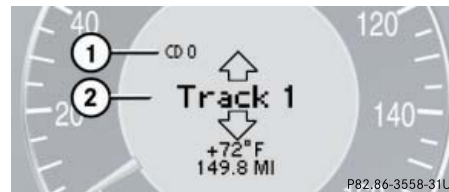
- ▶ On the multifunction steering wheel, press  or  repeatedly until one of the following, Radio, Single CD, MP3, CD changer\*, Satellite radio\* or Telephone\* display appears in the multifunction display of the instrument cluster.

#### Radio operation



- ① Waveband and position in Preset menu
- ② Station frequency

#### Single CD operation



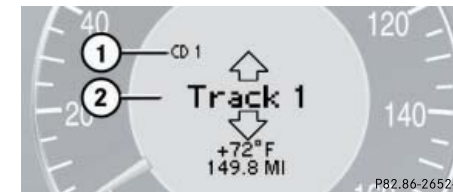
- ① Single CD operation
- ② Current track

#### MP3 operation



- ① MP3 operation
- ② Current track

#### CD changer\* operation



- ① Current CD
- ② Current track

#### Satellite radio\* operation



- ① SAT and position in Preset menu
- ② Channel name

## At a glance

### Multifunction steering wheel


#### Telephone\* operation

Either the main display, or a list appears on display.

Telephone main display:



In the list screen, instead of the READY message, either a phone book entry or one of the last 10 outgoing calls will be displayed.

- ▶ In order to close the list display, press .

This switches to the telephone main display.

## ▼ Menu system

The menu system allows for easy operation of COMAND.

Each of the following main functions has a main menu:

- Audio (Radio, Single CD, CD changer\* and AUX mode)
- Satellite radio\*
- Telephone\*
- Navigation\*
- Service

### Opening main menus

- ▶ Audio (▷ page 36): Press **AUDIO**.
- ▶ Satellite radio\* (▷ page 73): Press **SAT**.
- ▶ Telephone\* (▷ page 89): Press **TEL**.

- ▶ Navigation\* (▷ page 110): Press **NAV**.
- ▶ Service (▷ page 157): Press **SERV**.

### Menu display

A display can be composed of 3 sections.

Example: Radio main menu



- ① Soft key sections
- ② Main area
- ③ Status bar

## At a glance

### Menu system

The functions currently assigned to the soft keys are displayed in the soft key sections ①.

#### ①

A maximum of five soft keys may be displayed on each side of the main area ②.

Messages or settings are displayed in the main area ②.

The settings can be changed by operating controls accordingly.

The status bar ③ is divided into three areas.

Left side:

The selected operating mode is given. In this example: Radio

## At a glance

### Menu system

Center:

Indication of the selected operating mode.


In this example:

- FM = selected waveband
- 1 = selected station is stored on preset 1

Right side:

General status information is displayed, regardless of the selected operating mode.

In this example:

- ROAMING = telephone\* is logged into a mobile communications network outside your home network.
-  = telephone\* signal strength

### Menu functions and submenus

Using the soft keys, you can switch functions ON or OFF, or open submenus.

Example: Radio main menu:



- The Scan soft key switches the scan search ON or OFF.
- The Autost. soft key opens the submenu for the Autostore settings.

In some situations, soft keys may not have any function and thus not be available. Should a soft key not be available, it will appear shaded out, its characters will appear white.

Example:

Presets, Scan and Autost. soft key.



### **Exiting from submenus**

You can exit the current submenu by pressing the *Back* soft key. The display switches to the next higher menu level. The system does not accept setting modifications which have not been stored. There are exceptions where pressing the *Back* soft key will also store new settings. These exceptions, whenever applicable, are referenced on the following pages.

## At a glance

### Quick reference COMAND



The system can be operated as follows:

- from COMAND itself, or
- from the multifunction steering wheel

This operating manual describes operation from COMAND and from the multifunction steering wheel.

Unless otherwise specified, the descriptions and the displays illustrated relate to the COMAND control unit.

#### Switching ON/OFF

##### Switching ON

- ▶ Turn the key in the steering lock to position 1 or 2,

or

- ▶ Press

COMAND switches on the last active system and displays the corresponding menu.



Without the key in position 1 or 2 of the steering lock, the system automatically switches OFF again after approx. 30 minutes of inactivity.

##### Switching OFF

- ▶ Turn the key in the steering lock to position 0 and remove it,

or

- ▶ Press



If a telephone call is in progress (hands-free) you cannot switch the COMAND OFF, is disabled.


#### Volume

Different volume settings are possible for Navigation\*, Telephone\*, or Voice control\*.



A common volume setting is provided for Radio, Single CD, MP3, CD changer\*, AUX and Satellite radio\* operating modes.

When setting the volume, the system automatically stores the setting for the currently active operating mode. The volume of navigation announcements can be changed only during an actual announcement.

### Setting the volume

- ▶ Turn the rotary control  located on the COMAND control unit,

or

- ▶ Press  or  on the multifunction steering wheel

The volume changes up or down, depending on the direction of rotation or which button was pressed.

The system stores the volume settings when the device is switched OFF. After switching the system back on again, the volume may be lower than at the time when the system was switched OFF.

This could be the case if:

- the system was switched OFF for more than 15 minutes, and
- the volume had been set to a value in a certain range at the time the device was switched OFF.

### Automatic volume control

The automatic volume control adjusts the volume depending on

- the vehicle's speed (only in vehicles without Sound-system\*),  
or on  
the interior ambient noises of the vehicle (only in vehicles with Sound-system\*)
- other parameters (e.g. windows open or closed)

## At a glance

### Quick reference COMAND

#### Balance and fader

A common balance and fader setting applies to the following operating modes:

- Radio
- Single CD
- MP3
- CD changer\*
- AUX
- Satellite radio\*



For Navigation\* a different balance/fader setting is possible. You find the description under "Adjusting the acoustics for navigation announcements" (> page 111).

When adjusting the balance or the fader, the system automatically stores the setting for the currently active operating mode.

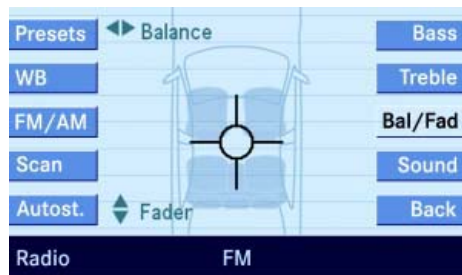


## At a glance

### Quick reference COMAND

#### Setting balance/fader

- ▶ Open the main menu of the appropriate operating mode (▷ page 27).
- ▶ Press the Bal/Fad soft key.  
The Balance/Fader menu is displayed. Now you can set the balance and the fader (▷ page 32).



A cross-hair cursor appears. The vertical line indicates the balance setting. The horizontal line indicates the fader setting.

- ▶ Press ◀ or ▶:  
The cursor moves horizontally, adjusting the desired balance,  
or
- ▶ Press ▲ or ▼:  
The cursor moves vertically, adjusting the fader.



Using ↙ and ↘, the cursor can be moved simultaneously in vertical and horizontal direction (diagonally).

Storing new settings:

- ▶ Press **OK** or the Back soft key,  
or
- ▶ wait until the display changes.

#### Bass and treble

For the following operating modes, different settings for bass and treble can be selected:

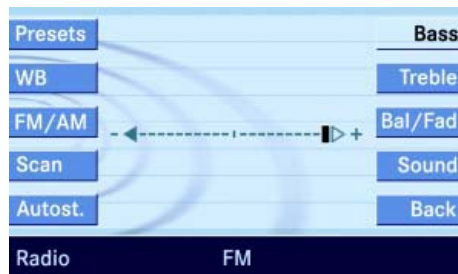
- Radio (FM waveband)
- Radio (AM waveband)
- Radio (Weather Band)
- Single CD
- MP3
- CD changer\*
- AUX
- Satellite radio\*
- Navigation\*

Bass and treble settings for navigation announcements are found under “Adjusting the acoustics for navigation announcements” (▷ page 111).

When adjusting bass or treble, the system automatically stores the setting for the currently active operating mode.

### Setting bass and treble

- ▶ Open the main menu of the appropriate operating mode (▷ page 27).
- ▶ Press the Bass or Treble soft key. The Bass or Treble menu appears.



- ▶ Press ◀ or ▶.

The cursor moves horizontally, adjusting bass or treble accordingly.

### Storing new settings

- ▶ Press **OK** or the Back soft key, or
- ▶ wait until the display changes.

### Sound functions\*

If the vehicle is equipped with a sound system\*, the sound functions are available for the following operating modes:

- Radio
- Single CD
- MP3
- CD changer\*
- AUX
- Satellite radio\*

## At a glance

### Quick reference COMAND

The following sound functions are available:

- Default Settings:  
Resets the sound functions to the factory setting.
- Standard:  
Normal stereo playback.
- Speech:  
Playback optimized for speech comprehension.
- LOGIC7 Surround:  
7-channel-surround playback (not for mono-sources like AM waveband or Weather Band in radio mode).

Different sound functions can be activated for each one of the operating modes listed above.

## At a glance

### Quick reference COMAND

Example:

For CD mode: the LOGIC7 Surround function,  
for Satellite radio\* mode: the Speech func-  
tion.

#### Switching sound functions

- ▶ Open the main menu of the appropriate operating mode (▷ page 27).
- ▶ Press the Sound soft key.



The Sound menu appears.

- ▶ Use ▲ or ▼ to select the desired function.

- ▶ Press OK.

The system switches to the selected function.



Your harman/kardon® audio system features the innovative LOGIC7® multi-channel surround sound technology developed for the professional recording industry.

By selecting the “LOGIC7 Surround” function, LOGIC7® will be activated.

LOGIC7® converts any 2-channel material into breathtaking multi-channel surround sound and that without the unnatural interpretation of many of today’s surround sound techniques.



LOGIC7® is not an artificial “effects” button. It automatically adapts itself to the incoming source material, adjusting the seven outputs based on the original acoustic intent of the studio master.

harman/kardon LOGIC7® creates a true 360-degree “enveloping” sound-field with a maximum “audio sweet-spot” for all passengers.

harman/kardon LOGIC7® sets a new benchmark in musical clarity and separation, giving the listener the impression of actually “being there”.

LOGIC7® playback works with all conventional stereo audio sources (e.g. stereo CD or stereo radio).

If the radio reception is poor, the system should be switched back to Standard stereo playback. Switching back to Standard stereo playback may improve reception quality.

## **Audio**

**Audio main menu**

**Radio operation**

**Single CD operation**

**MP3 operation**

**CD changer\* operation**

**Audio AUX operation**

## Audio

### Audio main menu

#### Opening the Audio main menu

- ▶ Press **AUDIO**.

The Audio main menu appears.

If one of the Audio submenus appears:

- ▶ Press the **Back** soft key as often as necessary until the Audio main menu appears,

or

- ▶ Press **AUDIO** again.



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Various audio sources can be selected in the Audio main menu.

#### Selectable soft keys

- **Radio** soft key  
Station settings for WB, FM, and AM wavebands appear (▷ page 37)
- **CD** soft key or **MP3** soft key  
The Single CD main menu (▷ page 46) or the MP3 main menu (▷ page 53) appears
- **CDC** soft key  
The CD changer main menu appears (▷ page 66)
- **AUX** soft key  
Facilitates operation of an external audio source (▷ page 72)



The Satellite Radio menu is accessed by pressing **SAT** (▷ page 75).

#### Mute function

Switching the mute function ON:


- ▶ Press **MUTE**.

The system is switched to mute.

Switching the mute function OFF:

- ▶ Press **MUTE** again,

or

- ▶ Turn the rotary control  located on the COMAND control unit,

or

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

The audio source heard is the one selected before the mute function was activated.



The mute function is still activated if the system is switched off and then on again.

## ▼ Radio operation

### Safety Instructions

#### Warning



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

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

### Switching to radio mode

- ▶ Open the Audio main menu (▷ page 36).
- ▶ Press the **Radio** soft key.

The Radio main menu appears. The station last tuned to will begin to play.

In this example:

- Weather Band
- Channel 1 = current station



### Switching wavebands

- ▶ Press the **FM/AM** soft key in the Radio main menu.

Alternatingly the Radio main menu for the FM or AM wavebands appears. The station last tuned to will begin to play.

## Audio

### Radio operation



The waveband is indicated in the center of the status bar.

In this example:

- FM = FM waveband
- 1 = selected station is stored on preset 1

## Audio

### Radio operation



The wavebands cover different frequency ranges.

FM broadcast band:

- FM (VHF = very high frequency) 87.7 - 107.9 MHz
- Tuning increments 0.2 MHz

AM broadcast band:

- MW (medium wave) 530 - 1710 kHz
- Tuning increments 10 kHz

WB waveband:

- WB (Weather Band) 162.400 - 162.550 MHz
- Tuning increments = 1 channel

#### Tuning to a FM/AM station

The following options are available:

- Tuning via station search (▷ page 38).
- Tuning via station presets (▷ page 39).
- Tuning via Autostore presets (▷ page 39).
- Tuning via scan search (▷ page 40).
- Manual tuning (▷ page 40).
- Tuning via direct frequency input (▷ page 41).

#### Tuning via station search

##### On COMAND control unit

- ▶ Switch to the desired FM or AM waveband (▷ page 37).

- ▶ Press **SEEK+** or **▲**:

The next receivable ascending frequency is tuned in and begins to play,

or

- ▶ Press **-SEEK** or **▼**:

The next receivable descending frequency is tuned in and begins to play.


##### On multifunction steering wheel

- ▶ Switch the multifunction display in the instrument cluster to the Radio display (▷ page 25).

- ▶ Press **↕**:

The next receivable ascending frequency is tuned in and begins to play,

or



- ▶ Press :

The next receivable descending frequency is tuned in and begins to play.

### Tuning via station presets

Ten presets each are available for FM and AM. The presets are accessed using the number keypad, or via the Presets menu.

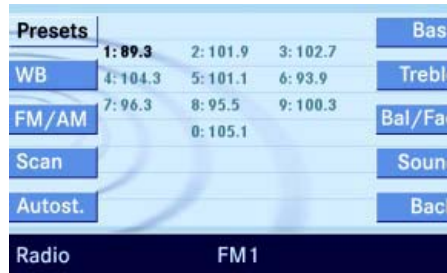
Accessing via number keypad:

- ▶ Switch to the desired waveband (▷ page 37).
- ▶ Press one of the number keys  - :

The system tunes to the station stored under this number.

Accessing via Presets menu:



- ▶ Switch to the desired waveband (▷ page 37).
- ▶ Press the Presets soft key.  
The Presets menu appears.



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- ▶ Use , ,  or  to choose a preset and press ,

or

- ▶ Press one of the number keys  - .

The system tunes to the station stored under this number.

### Tuning via Autostore presets

The Autostore function allows placing of stations into the presets sorted by reception quality (▷ page 43).

## Audio

### Radio operation

The system will store the station with the strongest signal in preset 1.

Ten presets each are available for FM and AM.

- ▶ Switch to the desired waveband (▷ page 37).
- ▶ Press the Autost. soft key.

The Autostore preset list appears. It can take several seconds until all frequencies are displayed. ▷▷



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## Audio

### Radio operation

- ▶ Use **▶**, **◀**, **▲** or **▼** to choose a preset and press **OK**.

or

- ▶ Press one of the number keys **1** - **0**.

The system tunes to the station stored under this number.

### Tuning via scan search

Scan search is characterized as follows:

- Scan search performs two runs. During the first run, stations with extremely good reception are played. During the second run, stations with weaker reception are played.
- Scan search plays each receivable station for approx. 8 seconds.
- Scan search can be ended manually.

- Scan search automatically stops at the station listened to before the scan search was started.

### Starting scan search

- ▶ Switch to the desired waveband (▷ page 37).
- ▶ Press the **Scan** soft key. Scanning begins.



### Ending Scan search manually

- ▶ Press the **Scan** soft key again.

### Manual tuning

- ▶ Switch to the desired waveband (▷ page 37).
- ▶ Press and hold **SEEK+** or **-SEEK** for at least 2 seconds to tune up or down. Manual tuning is activated.
- ▶ Keep the button pressed or release it and keep tapping **SEEK+** or **-SEEK** in quick succession.

The frequency will change by the tuning increments for the respective waveband each time one of the buttons is pressed or for as long as a button is pressed and held.

Manual tuning is deactivated if no button is pressed for approx. 3 seconds.



Manual tuning is also possible in all wavebands by pressing ◀ or ▶. The frequency will change by the tuning increments for the respective waveband each time one of the buttons is pressed.

Frequency increments for manual tuning:

- FM 0.2 MHz
- AM 10 kHz

### Tuning via direct frequency input

Entry example:

98.5 MHz in FM waveband

- ▶ Switch to the FM waveband (▷ page 37).
- ▶ Press \*.

The frequency input display appears. The frequency range of the FM waveband is shown.



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- ▶ Press the number buttons in succession: **9**<sub>WXYZ</sub>, **8**<sub>TUV</sub>, and **5**<sub>JKL</sub>.

Each number entered appears in the display.

The system tunes to the frequency entered (in this example: 98.5 Mhz) and switches back to the FM menu.

## Audio

### Radio operation



Entries outside the frequency range are not possible.

Within the AM waveband, the input is restricted to frequencies within the respective frequency increment, which is 10 kHz.

The system will select the nearest valid frequency if a frequency outside the frequency increment is entered.

### Tuning to a station on Weather Band

#### Tuning via station search

Seven channels are available on the Weather Band.

#### On *COMAND* control unit

- ▶ Switch to the WB waveband by pressing the WB soft key in the Radio main menu (▷ page 37). ▷▷

## Audio

### Radio operation

The system will tune to the strongest receivable station.

- ▶ Press **SEEK+** or **SEEK-**.

Search begins in ascending or descending frequency.

The search stops at the next receivable station.

#### *On multifunction steering wheel*

- ▶ Switch the multifunction display in the instrument cluster to Radio display (▷ page 25).
- ▶ Press **▲** or **▼**.

The search stops at the next receivable station.

#### Tuning via station presets

The seven strongest channels are sorted in prest 1 to 7 each time you press the **WB** soft key. They are accessed using the number keypad.

- ▶ Press one of the number keys **1** - **7** PQRS.

The system tunes to the station stored under this number.

#### Storing FM/AM stations

Ten presets each are available for the FM and AM waveband.

The following options are available:

- Storing manually using number keys
- Storing manually using the Presets menu
- Storing using Autostore

#### Storing manually using the number keys **1** - **0**

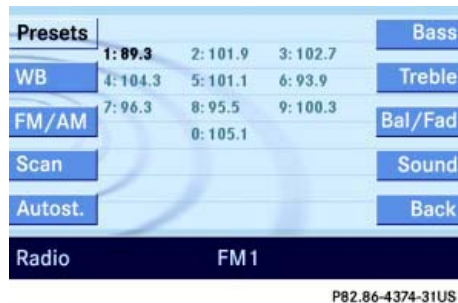
- ▶ Tune to the station to be stored (▷ page 38).
- ▶ Press a number key between **1** and **0** and hold it for more than 2 seconds.

The station is now stored in the respective memory location.

#### Storing manually using the Presets menu

- ▶ Tune to the station to be stored (▷ page 38).
- ▶ Press the **Presets** soft key.

The Presets menu appears.



- ▶ Use **▶**, **◀**, **▲** or **▼** to select a preset.
- ▶ Press **OK** for more than 2 seconds.  
The station will be stored in the respective memory location.

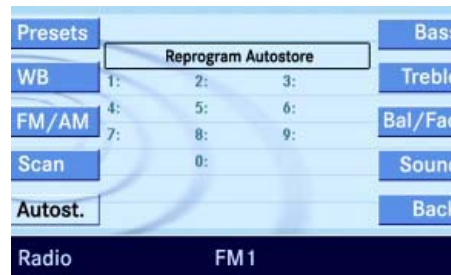
### Storing using Autostore

The Autostore function places stations into the Autostore memory sorted by reception quality. The system stores the station with the strongest signal in preset 1.



The Autostore feature stores presets in a separate memory, not in the regular presets seen under the Presets soft key. As such, the Autostore memory is only temporary.

- ▶ Switch to the desired waveband (▷ page 37).
- ▶ Press the **Autost.** soft key.  
The Autostore preset list appears.



- ▶ Use **▲** to select the Reprogram Autostore header entry.
- ▶ Press **OK**.

The Autostore search starts. After a delay the new preset assignment appears. The system tunes to the station stored on preset 1.

- ▶ To tune-in another station from the Autostore preset list (▷ page 39).

## Audio

### Single CD operation

#### Safety Instructions

##### Warning



In order to avoid distraction which could lead to an accident, the driver should insert CDs with the vehicle at a standstill and operate the audio system only when road, weather and traffic conditions permit.

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

##### Warning



The CD drive is a Class 1 laser product. There is a danger of invisible laser radiation when you open or damage the cover.

Do not remove the cover. The CD drive does not contain any parts serviceable by the user. For safety reasons, have any necessary service work performed by qualified personnel.

#### Tips on caring for your CDs

- Only touch the CD on the edges.
- Clean the CD with a dry, lint-free cloth. Wipe the CD a straight line from the center. Never wipe the CD in a circular motion.
- Do not use rubbing alcohol or solvents to clean CDs.
- Do not expose the CDs to heat or direct sunlight.
- Do not write or put labels on CDs

#### Switching to Single CD mode

- ▶ Open the Single CD main menu (▷ page 46).

or

- ▶ Load an audio CD into the COMAND CD drive.

#### Loading a CD

##### Warning



In order to avoid distraction which could lead to an accident, the driver should insert CDs with the vehicle at a standstill and operate the audio system only when road, weather and traffic conditions permit.

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



Do not attach labels of any type to the CD. They may become detached and damage the drive.



Only use CDs, which bear the label shown and that conform to the compact digital audio standard (IEC 60908).

Do not play single-CDs (80 mm) with an adapter. Only use round, 12 cm diameter CDs.



Your CD drive has been designed to play CDs which correspond to the IEC 60908 standard. Therefore only CDs not exceeding a thickness of 1.3 mm can be used.

If you insert thicker data carriers, e.g. ones that have data on both sides (one side with DVD data, the other side with audio data), they cannot be ejected and will damage the drive.



The COMAND CD drive may not be able to play audio CDs with copy protection.

## Audio

### Single CD operation

The COMAND CD drive holds one CD. The slot for inserting a CD is located above the display (▷ page 15).



If a CD is already loaded, it must be ejected before inserting the new CD. Inserting a second CD in the slot with another CD still loaded will cause damage to the CD drive not covered by the Mercedes-Benz Limited Warranty.

- ▶ Insert a CD into the CD slot while COMAND is switched ON. Insert the CD face up.

COMAND pulls in the CD. If the CD is an audio CD, the system switches to Single CD mode.



If the CD is an MP3 CD, the system switches to MP3 mode (▷ page 53).

#### Ejecting a CD

- ▶ Press **EJECT**.  
COMAND ejects the CD.
- ▶ Remove the CD from the slot.  
The CD will be pulled in again if it is not removed from the slot within approx. 7 seconds.

#### Single CD main menu

- ▶ Open the Audio main menu (▷ page 36).
- ▶ Press the **CD** soft key.  
The system switches to Single CD mode.



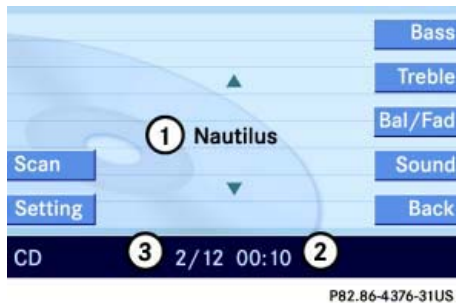
The **CD** soft key is shaded out if no audio CD is loaded. The system will not switch to Single CD mode.

- ▶ Load an audio CD into the COMAND CD drive (▷ page 45).

The **MP3** soft key instead of the **CD** soft key is visible when a MP3 CD has been loaded.

The center of the status bar shows:

- The track number and total number of tracks
- The elapsed playing time of the track



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- ① Track title or track number
- ② Elapsed track playing time
- ③ Track number/total tracks

The Single CD main menu shows the track title in the center if the CD contains corresponding CD text data.

If the CD does not contain any CD text data, the track number is displayed instead of the track title.

### Selecting a track

The following options are available:

- Selecting via track skip
- Selecting via track list
- Selecting via manual entry of the track number (▷ page 48)
- Selecting via scan search (▷ page 48)

### Selecting via track skip

#### On the COMAND control unit

- ▶ Open the Single CD main menu (▷ page 46).
- ▶ Press **SEEK+** for forward skipping.
- or
- ▶ Press **-SEEK** for backward skipping.

#### On the multifunction steering wheel

- ▶ Switch the multifunction display in the instrument cluster to the Single CD display (▷ page 25).
- ▶ Press **↵** for forward skipping.
- or
- ▶ Press **↶** for backward skipping.



Forward skipping:  
The next track is played.

Backward skipping:  
The system skips back to the beginning of the track if more than approx. 10 seconds playing time of the track currently playing have elapsed.  
The system skips back to the beginning of the previous track if less than 10 seconds playing time of the track currently playing have elapsed.

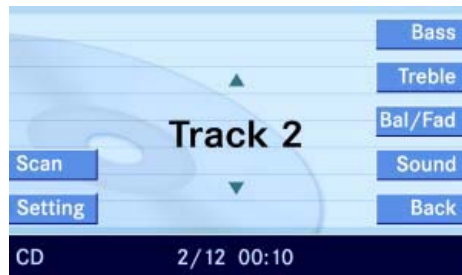


## Audio

### Single CD operation

#### Selecting via track list

The track list contains all tracks of the current CD. Only one list entry is visible at a time, it is the track currently playing.



- ▶ Use ▲ or ▼ to select another track from the list.
- ▶ Press **OK**, or wait approx. 3 seconds without changing the selection.

The selected track is played.

#### Selecting via manual entry of the track number

- ▶ Open the Single CD main menu (▷ page 46).
- ▶ Press **\***.

The Manual track input display appears. The number of tracks on the CD is displayed.



Entry example: Track 1

- ▶ Press **1**.

Entry example: Track 12

- ▶ Press **1** and **2** in quick succession.



Entries beyond the number of available tracks on the CD are not possible.

- ▶ Wait approx. 3 seconds after entering the number.

The selected track is played. The CD main menu appears.

#### Selecting via scan search

Scan search is characterised as follows:

- Scan search plays each track on the current CD for approx. 8 seconds.
- Scan search can be ended manually.
- Scan search automatically stops at the track listened to before the scan search was started.

### Starting scan search

- ▶ Press the Scan soft key.



When you start the scan search, playback option Normal Sequence is activated automatically.

### Ending scan search manually

- ▶ Press the Scan soft key.

The track playing at the time the scan is ended remains playing.

### Fast forward/reverse

- ▶ Open the Single CD main menu (▷ page 46).
- ▶ Press and hold **SEEK+** or **-SEEK**.
- ▶ To stop release **SEEK+** or **-SEEK**.

### Playback options

The following options are available:

- Normal sequence  
The tracks are played in the normal sequence (e.g. track 1, 2, 3 etc.).  
The last track is followed by the first track of the CD.
- Repeat track  
The current track will be repeated until this function is deactivated.
- Random track  
The tracks are played in random order (e.g. track 3, 8, 5 etc.).

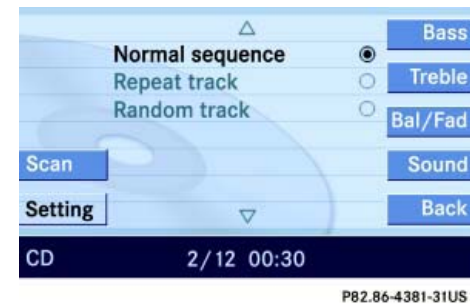
### Changing the playback option

- ▶ In the Single CD main menu (▷ page 46) press the Setting soft key.

## Audio

### Single CD operation

The settings menu is displayed.  
The solid circle ● indicates which option is currently selected.



- ▶ Use **▲** or **▼** to select a different option.
- ▶ Press **OK**.

The option is activated. A corresponding display will appear in the status bar for all options except Normal sequence. An option will remain activated even if the COMAND is switched OFF and then ON again.

## Audio

### MP3 operation

#### Safety Instructions

##### Warning



In order to avoid distraction which could lead to an accident, the driver should insert CDs with the vehicle at a standstill and operate the audio system only when road, weather and traffic conditions permit.

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

The CD drive is a Class 1 laser product. There is a danger of invisible laser radiation when you open or damage the cover.

Do not remove the cover. The CD drive does not contain any parts serviceable by the user. For safety reasons, have any necessary service work performed by qualified personnel.

#### Tips on data storage media



Do not attach labels of any type to the CD. They may become detached and damage the drive.

Your CD drive has been designed to play CDs which correspond to the IEC 60908 standard. Therefore only CDs not exceeding a thickness of 1.3 mm can be used.

If you insert thicker data carriers, e.g. ones that have data on both sides (one side with DVD data, the other side with audio data), they cannot be ejected and will damage the drive.

Do not play single-CDs (80 mm) with an adapter. Only use 12 cm diameter CDs.

#### Tips on caring for your MP3 CDs

- Only touch the CD on the edges.
- Clean the CD with a dry, lint-free cloth. Wipe the CD a straight line from the center. Never wipe the CD in a circular motion.
- Do not use rubbing alcohol or solvents to clean CDs.
- Do not expose the CDs to heat or direct sunlight.
- Do not write or put labels on CDs

### Tips on creating MP3 CDs



CDs, software and hardware for writing audio data to CDs are widely available. Therefore, we cannot guarantee that COMAND will be able to play every user-written CD.

Problems may be encountered during playback of user-written CDs with a storage capacity of more than 700 MB. These CDs do not meet valid standards as of this printing.

### Permissible MP3 CDs

In MP3 mode COMAND can read CD-R and CD-RW CDs.

### Permissible file systems

The permitted file system is ISO9660/Joliet for CD-R and CD-RW.

### Multi session discs

With multi session discs, the content of the first session determines how COMAND treats the CD.

For example, if the first session contains data in audio CD format and the second session contains data in MP3 format, COMAND will treat the CD as a conventional audio CD.

### File structure

When creating an MP3 CD, you can organize MP3 tracks into folders. A folder can also contain additional folders.

A CD may have a maximum of 255 folders in total. A maximum of 255 tracks are permissible per folder.

Mathematically a maximum of 65025 tracks would result. However, this amount is usually not reached since MP3 requires approx. 1 MB storage per minute recorded.

### Track names and folder names

When creating an MP3 CD, you can assign names to the MP3 tracks and folders. COMAND uses these names in MP3-mode for the corresponding display.

Please note the following when assigning track and folder names:

- Track and folder names must contain at least 1 character.
- Track names may contain up to fifty characters. If a track name exceeds this character limit, COMAND will not be able to display it in full.



## Audio

### MP3 operation

- Track names must have the file extension “mp3”.
- A period must appear between the track name and the file extension.

Example of a correct track name:  
Track 1.mp3

In the example, the track name contains six characters, followed by a period and the file extension “mp3”.

Empty folders or folders containing data other than MP3 tracks will not be displayed by COMAND.

If MP3 files are stored in the root directory itself, the root directory also counts as a folder. COMAND will then display the root directory name as a folder name.



COMAND does not support ID3 tags.

### Tips on creating MP3 tracks

#### Permissible MP3 formats

COMAND supports the MPEG1 Audio Layer 3 format.



In everyday speech, this format has been replaced by the designation “MP3”.

#### Permissible bit and scan rates

- Fixed and variable bit rates up to 320 kbps
- Scan rates from 24 kHz - 48 kHz



It is recommended to use MP3 tracks with a bit rate of 128 kbps or higher and with a scan rate of 44.1 kHz or higher. Lower rates may impair quality. This is particularly true if the Sound function\* LOGIC7 Surround has been activated.

### Tips on copyright

The music tracks that you can create for play back in MP3 mode are generally copyright-protected under applicable international and national laws.

In many countries, the reproduction of copyrighted material is not permitted, even if only for personal use, without the express prior consent of the copyright holder.

Please check the current copyright laws for your country and comply with them.

These restrictions do not apply for example to your own compositions and recordings, or for recordings for which authorization has been obtained from the copyright holder.

### Switching to MP3 mode

- ▶ Call up the MP3 main menu (▷ page 53).

or

- ▶ Insert an MP3 CD into COMAND.



MP3 CDs can only be played back in the COMAND CD drive.

### Loading a MP3 CD

#### Warning



In order to avoid distraction which could lead to an accident, the driver should insert CDs with the vehicle at a standstill and operate the audio system only when road, weather and traffic conditions permit.

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

The COMAND CD drive holds one CD. The slot for inserting a CD is located above the display (▷ page 17).



If a CD is already loaded, it must be ejected before inserting the new CD. Inserting a second CD in the slot with another CD still loaded will cause damage to the CD drive not covered by the Mercedes-Benz Limited Warranty.

- ▶ Insert a CD into the CD slot while COMAND is switched ON. Insert the CD face up.

COMAND pulls the CD in and loads the data. It may take a while to load the data, depending on the number of folders and tracks.

After loading, COMAND plays the CD.

## Audio

### MP3 operation

#### Ejecting a MP3 CD

- ▶ Press **EJECT**.

COMAND ejects the CD.

- ▶ Remove the CD from the slot.

The CD will be pulled in again if it is not removed from the slot within approx. 7 seconds.

#### MP3 main menu

- ▶ Open the Audio main menu (▷ page 36).



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## Audio

### MP3 operation

- ▶ Press the MP3 soft key.

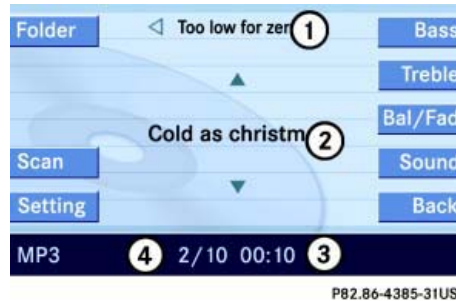


The MP3 soft key will only appear if an MP3 CD has been loaded.

COMAND loads the data on the CD.

It may take a while to load the data, depending on the number of folders and tracks contained on the CD.

Once the data has been loaded, the MP3 main menu appears. You will hear the last track played.



- ① Current folder
- ② Current track
- ③ Elapsed track playing time
- ④ Track number within the current folder/number of tracks in current folder



On MP3 tracks with variable bit rates, the elapsed track playing time displayed may deviate from the actual time elapsed.

#### Selecting folders

If the MP3 tracks are organized into folders on the disc, you can select a folder from the COMAND control unit.

The following options are available:

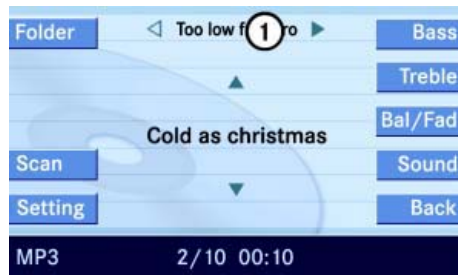
- Selecting via folder list
- Selecting via extended folder list

#### Selecting via folder list



The folder list only contains folders in which MP3 tracks are stored.

Only one folder can be viewed at a time.



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① Current folder

- ▶ Press **▶** or **◀** to select a folder.
- ▶ Wait approx. 3 seconds without changing the selection.

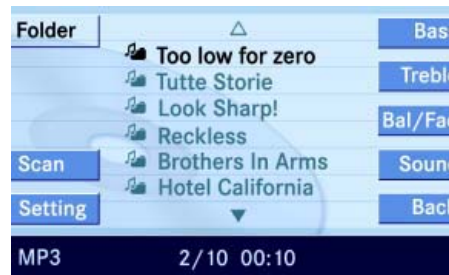
The COMAND changes the folder and loads the data from the new folder. It may take a while to load the data, depending on the number of folders and tracks.

### Selecting via extended folder list



The extended folder list only contains folders in which MP3 tracks are stored.

- ▶ In the MP3 main menu (▷ page 53) press the Folder soft key. The extended folder list appears.



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- ▶ Use **▲** or **▼** to select a folder.

- ▶ Press **OK**.

The COMAND changes the folder and loads the data from the new folder. It may take a while to load the data, depending on the number of folders and tracks.

### Selecting a track

You may select a track in the current folder.

The following options are available:

- Selecting via manual entry of the track number (▷ page 57)
- Selecting via scan search (▷ page 57)
- Selecting via track skip
- Selecting via track list



## Audio

### MP3 operation

#### Selecting via track skip

##### *On the COMAND control unit*

- ▶ Open the MP3 main menu (▷ page 53).
- ▶ Press **SEEK+** for forward skipping.
- or
- ▶ Press **SEEK-** for backward skipping.

##### *On the multifunction steering wheel*

- ▶ Switch the multifunction display in the instrument cluster to the audio display (▷ page 25).
- ▶ Press **▲** for forward skipping.
- or
- ▶ Press **▼** for backward skipping.



Forward skipping:  
The next track is played.



Backward skipping:  
The system skips back to the beginning of the track if more than approx. 10 seconds playing time of the track currently playing have elapsed.  
The system skips back to the beginning of the previous track if less than 10 seconds playing time of the track currently playing have elapsed.

#### Selecting via track list

The track list contains all tracks in the current folder. Only one track can be viewed at a time.



#### ① Current track

- ▶ Use **▲** or **▼** to select another track from the list.
- ▶ Press **OK**, or wait approx. 3 seconds without changing the selection.  
The selected track is played.

### Selecting via manual entry of the track number

- ▶ Open the MP3 main menu (▷ page 53).
- ▶ Press **\***.  
The Manual track input display appears.



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- ① Number of tracks in the current folder (10 tracks)

Entry example: Track 1

- ▶ Press **1**.

Entry example: Track 10

- ▶ Press **1** and **0** in quick succession.



Entries beyond the number of available tracks in the current folder are not possible.

- ▶ Wait approx. 3 seconds after entering the number.

The selected track is played.

### Selecting via scan search

Scan search is characterised as follows:

- Scan search plays each track in the current folder for approx. 8 seconds.

- Scan search can be ended manually.
- Scan search automatically stops at the track listened to before the scan search was started.

### Starting scan search

- ▶ In the MP3 main menu (▷ page 53) press the **Scan** soft key.

The scan search starts.



The scan search will not function if the current folder only contains one track.

When you start the scan search, playback option *Normal* sequence is activated automatically. Therein scan search is restricted to the current folder.

## Audio

### MP3 operation

#### Ending scan search manually

- ▶ Press the Scan soft key.  
The track playing at the time the scan is ended remains playing.

#### Fast forward/reverse

- ▶ Open the MP3 main menu (▷ page 53).
- ▶ Press and hold **SEEK+** or **-SEEK**.
- ▶ To stop release **SEEK+** or **-SEEK**.

#### Playback options

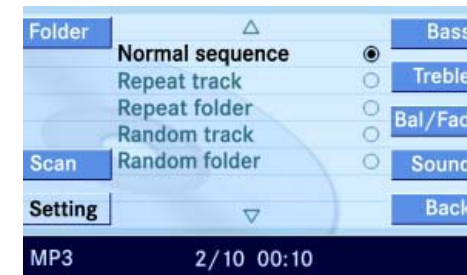
The following options are available:

- Normal sequence  
The COMAND plays tracks in a folder in succession.  
Once all the tracks in a folder have been played, COMAND begins playing the track(s) in the next folder on the disc.

- Repeat track  
The current track will be repeated until this function is deactivated.
- Repeat folder  
The tracks in the current folder will be repeated until this function is deactivated.  
The track sequence is the same as the Normal sequence option.
- Random track  
This option is restricted to the tracks in the current folder. The tracks are played in random order.
- Random folder  
All tracks on the CD are played in random order.

#### Switching the playback option

- ▶ In the MP3 main menu (▷ page 53) press the Setting soft key.  
The Setting menu appears.  
The solid circle ● indicates which option is currently selected.



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- ▶ Use **▲** or **▼** to select a different option.

- ▶ Press **OK**.

The option is switched on.

A corresponding display will appear in the status bar for all options except Normal sequence.

An option will remain activated even if the COMAND is switched OFF and then ON again.

## Audio

### CD changer\* operation

#### Safety Instructions

##### Warning



In order to avoid distraction which could lead to an accident, the driver should insert CDs with the vehicle at a standstill and operate the audio system only when road, weather and traffic conditions permit.

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

##### Warning



The CD changer is a Class 1 laser product. There is a danger of invisible laser radiation when you open or damage the cover.

Do not remove the cover. The CD changer does not contain any parts serviceable by the user. For safety reasons, have any necessary service work performed by qualified personnel.

#### Tips on caring for your CDs

- Only touch the CD on the edges.
- Clean the CD with a dry, lint-free cloth. Wipe the CD a straight line from the center. Never wipe the CD in a circular motion.
- Do not use rubbing alcohol or solvents to clean CDs.
- Do not expose the CDs to heat or direct sunlight.
- Do not write or put labels on CDs

CD changer\* operation

Switching to CD changer mode

- ▶ Open the CD changer main menu (▷ page 66).

or

- ▶ Load an audio CD into the CD changer (▷ page 61).

CD changer

The CD changer can play audio CDs.

The CD changer is concealed behind the control panel faceplate in the center console.

Accessing the CD changer



- ① Opening/closing button
- ② Control panel faceplate

- ▶ Press button ① to open.

The control panel faceplate ② pivots up; the CD changer extends and becomes accessible.

Retracting the CD changer

- ▶ Press button ① to close.

The CD changer retracts; the control panel faceplate ② pivots down.

Loading CDs

Warning



In order to avoid distraction which could lead to an accident, the driver should insert CDs with the vehicle at a standstill and operate the audio system only when road, weather and traffic conditions permit.

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

## Audio

### CD changer\* operation



Do not attach labels of any type to the CD. They may become detached and damage the drive.



Only use CDs, which bear the label shown and that conform to the compact disc digital audio standard (IEC 60908).

Do not play single-CDs (80 mm) with an adapter. Only use round, 12 cm diameter CDs.



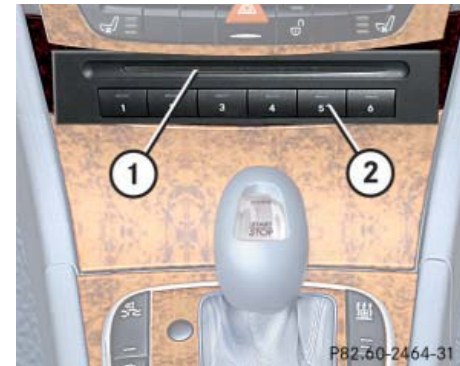
Your CD changer has been designed to play CDs which correspond to the IEC 60908 standard. Therefore only CDs not exceeding a thickness of 1.3 mm can be used.

If you insert thicker data carriers, e.g. ones that have data on both sides (one side with DVD data, the other side with audio data), they cannot be ejected and will damage the CD changer.



The CD changer may not be able to play audio CDs with copy protection.

In order to insert CDs, you will need to first access the CD changer (▷ page 61).



① CD slot

② Magazine compartment buttons

The CD changer has a built-in magazine which can hold up to six CDs.

The CD changer has six magazine compartment buttons ② for controlling the loading procedure. LEDs in the buttons indicate the status of the corresponding magazine compartment.

- Button LED off:  
Magazine compartment empty
- Button LED continuously red:  
Magazine compartment loaded with a CD

The status of a magazine compartment can also be seen when selecting a CD in the CD Selection menu (▷ page 68).

The CD slot ① for loading CDs into the CD changer is located above the buttons ②.

Loading options:

- Loading a single magazine compartment
- Loading all six magazine compartments (▷ page 64)

### Loading a single magazine compartment



Loading a magazine slot will stop the playback of a CD in the changer.

- ▶ Access the CD changer (▷ page 61).
- ▶ Briefly press the button ② of the empty magazine compartment to be loaded.
- ▶ Wait until the LED in the button ② flashes green.  
This indicates that the CD changer requests a CD.
- ▶ Insert an audio CD into the CD slot ① within approx. 15 seconds. Insert the CD face up.

## Audio

### CD changer\* operation

The CD is pulled in. The red LED in the corresponding magazine compartment button ② lights up continuously. The system starts playing the CD.

The loading procedure is completed.

- ▶ Retract the CD changer (▷ page 61).



## Audio

### CD changer\* operation

#### Loading all six magazine compartments

Initial situation: all magazine compartments empty.

The CD changer loads all magazine compartments beginning with compartment 1.

- ▶ Access the CD changer (▷ page 61).



- ① CD slot
- ② Magazine compartment buttons

- ▶ Press and hold the button ② of an empty magazine compartment for more than 2 seconds.  
The LEDs of all magazine compartment buttons ② briefly light up green several times.
- ▶ Wait until the LED in the first magazine compartment button ② flashes green. This indicates that the CD changer requests a CD.
- ▶ Insert an audio CD into the CD slot ① within approx. 15 seconds. Insert the CD face up.

The CD is pulled in; the magazine compartment is loaded.

The red LED in the corresponding magazine compartment button ② lights up continuously.

The CD changer then requests insertion of the next CD. The LED in the corresponding magazine compartment button ② flashes green.

- ▶ Repeat the last step until all six magazine compartments are loaded.

The system plays the sixth CD. The LEDs in all magazine compartment buttons ② light up red continuously.

The loading procedure is completed.

- ▶ Retract the CD changer (▷ page 61).



If, for example, only compartments 1 through 4 are to be loaded instead of all six compartments, simply do not insert the a fifth CD into the slot ①. The CD changer attempts to load the fifth CD, yet aborts the loading procedure. The system automatically plays the last (fourth) CD.

### Ejecting CDs

The following options are available:

- Ejecting one CD
- Ejecting all CDs (▷ page 66)

#### Ejecting one CD



- ① CD slot
- ② Magazine compartment buttons

- ▶ Access the CD changer (▷ page 61).
- ▶ Briefly press the appropriate magazine compartment button ②.  
The button LED ② flashes red. The CD changer ejects the CD.
- ▶ Within 15 seconds, remove the CD from the slot ①.  
The CD will be pulled in again if it is not removed from the slot within approx. 15 seconds. The system starts playing the CD again.  
The ejection procedure is completed.
- ▶ Retract the CD changer (▷ page 61).

### i

If you are listening to a CD in the CD changer and you eject another CD from the changer:

- While ejecting the CD, the system interrupts CD playback.
- The CD you were last listening to starts from the beginning once the ejection procedure is completed.

If you eject the CD you are currently listening to:

- The next available audio CD is played.
- If there are no other CDs available, the system switches to the audio source listened to before CD changer mode.

## Audio

### CD changer\* operation

#### Ejecting all CDs

- ▶ Access the CD changer (▷ page 61).
- ▶ Press and hold the button of a loaded magazine compartment ② for more than 2 seconds.

The button LEDs of all loaded magazine compartments will briefly flash red, several times.

The CD changer ejects the CDs one after another.

- ▶ Within 15 seconds, remove each CD from the slot ①.

The CD will be pulled in again if it is not removed from the slot within approx. 15 seconds. The system starts playing the CD again.

The ejection procedure is completed when all CDs are removed, or when the procedure is aborted by the CD changer.

- ▶ Retract the CD changer (▷ page 61).

#### CD changer main menu

- ▶ Open the Audio main menu (▷ page 36).
- ▶ Press the CDC soft key.



The CDC soft key is shaded out if no CD is loaded. The system will not switch to CD changer mode.

- ▶ Load an audio CD into the CD changer (▷ page 61).

The CDC soft key will only be visible if a CD changer is connected.

The CD changer main menu appears.

You will hear the CD listened to last. If the CD listened to last is no longer available, the unit plays the next available audio CD.

If the CD contains CD text data, the CD changer main menu will show the name of the CD and the title of the track currently playing.

The status bar also contains:

- The track number and total number of tracks
- The elapsed playing time of the track



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- ① CD name or CD number
- ② Track title or track number
- ③ Elapsed track playing time
- ④ Track number/Total tracks

The CD changer menu shows the CD title at the top and track title in the center of the main area if the CD contains corresponding text data.

If the CD does not contain any CD text data, the number of the CD and the track number are displayed instead of the name of the CD and the track title.

### Selecting CDs

The numbers 1 through 6 are assigned to the CD compartments of the CD changer.

The following options are available:

- Selecting via CD list
- Selecting via direct entry of the CD number (▷ page 68)
- Selecting via CD Selection menu (▷ page 68)

### Selecting via CD list



This selection is possible only if two or more audio CDs are loaded.

The CD list contains all loaded CDs. Only one entry is visible at a time. Its name or number is shown at top of the CD changer main menu (here CD 5).

## Audio

### CD changer\* operation

The entry appears above the track display. It shows the number of the current CD.



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- ▶ Use or to select another CD from the list.



The system will skip empty CD changer compartments.

- ▶ Wait approx. 3 seconds without changing the selection.

The CD is changed. The newly selected CD is played.

## Audio

### CD changer\* operation

#### Selecting via direct entry of the CD number

- ▶ Press one of the **1** - **6** MNO keys.

The CD changer switches to the CD loaded in the appropriate CD changer compartment.



The CD fails to be changed if you select an empty compartment.

#### Selecting via CD Selection menu

- ▶ Press the **Magaz.** soft key.

The CD Selection menu appears. You see the list of all six compartments.



An entry shows the CD title if the CD contains corresponding CD text data.

No text displayed with a CD symbol indicates that the corresponding CD does not contain any CD text data

An entry shaded out indicates an empty CD changer compartment.

- ▶ Use **▲** or **▼** to select a CD.

The system will skip empty CD changer compartments

- ▶ Press **OK**.

The newly selected CD is played.

#### Selecting a track

The following options are available:

- Selecting via track skip
- Selecting via track list (▷ page 69)
- Selecting via manual entry of the track number (▷ page 69)
- Selecting via scan search (▷ page 70)

#### Selecting via track skip

##### *On the COMAND control unit*

- ▶ Open the CD changer main menu (▷ page 66).
- ▶ Press **SEEK+** for forward skipping.
- or
- ▶ Press **-SEEK** for backward skipping.

### On the multifunction steering wheel

- ▶ Switch the multifunction display in the instrument cluster to the CD changer display (▷ page 25).
- ▶ Press for forward skipping.
- or
- ▶ Press for backward skipping.



Forward skipping:  
The next track is played.

Backward skipping:  
The system skips back to the beginning of the track if more than approx. 10 seconds playing time of the track currently playing have elapsed.  
The system skips back to the beginning of the previous track if less than 10 seconds playing time of the track currently playing have elapsed.

### Selecting via track list

The track list contains all tracks of the current CD. Only one list entry is visible at a time, it is the track currently playing.



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- ▶ Use or to select another track from the list.
- ▶ Press or wait approx. 3 seconds without changing the selection.  
The selected track is played.

## Audio

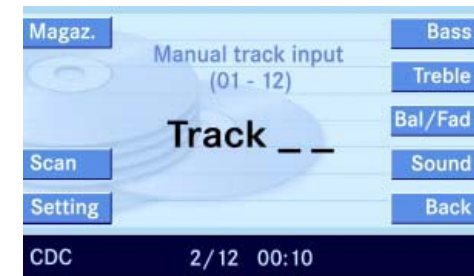
### CD changer\* operation

#### Selecting via manual entry of the track number

- ▶ Open the CD changer main menu (▷ page 66).

- ▶ Press .

The Manual track input display appears. The number of tracks on the CD is displayed.



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Entry example: Track 1

- ▶ Press .



## Audio

### CD changer\* operation

Entry example: Track 12

- ▶ Press **1** and **2**<sub>ABC</sub> in quick succession.



Entries beyond the number of available tracks on the CD are not possible.

- ▶ Wait approx. 3 seconds after entering the number.

The selected track is played. The CD main menu appears.

#### Selecting via scan search

Scan search is characterised as follows:

- Scan search plays each track on the current CD for approx. 8 seconds.
- Scan search can be ended manually.
- Scan search automatically stops at the track listened to before the scan search was started.

#### Starting scan search

- ▶ Press the Scan soft key.



When you start the scan search, playback option *Normal sequence* is activated automatically. Therein scan search is restricted to the current CD.

#### Ending scan search manually

- ▶ Press the Scan soft key.

The track playing at the time the scan is ended remains playing.

#### Fast forward/reverse

- ▶ Open the CD changer main menu (> page 66).
- ▶ Press and hold **SEEK+** or **-SEEK**.
- ▶ To stop release **SEEK+** or **-SEEK**..

#### Playback options

The following options are available:

- Normal sequence

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

If only one CD is loaded, the last track is followed by again playing the first track.

If several CDs are loaded in the CD changer, the last track on a CD in the changer will be followed by the first track of the next CD in the changer.

The CDs are changed in their normal sequence (e.g. CD 1, 2, 3 etc.).

- Repeat track

The current track will be repeated until this function is deactivated.

- Repeat CD



It is only possible to select this function if at least two audio CDs are loaded in the CD changer.

The current CD will be repeated until this function is deactivated.

- Random track

The tracks are played in random order (e.g. track 3, 8, 5 etc.).

If several CDs are loaded in the CD changer, the last track on a CD in the changer will be followed by the first track of the next CD in the changer.

The CDs are changed in their normal sequence (e.g. CD 1, 2, 3, etc.).

- Random CD



This selection is only available if at least two audio CDs are loaded.

At least 4 tracks on one CD are played in random order (e.g. track 5, 7, 3, 9). Then, the next CD will be played. The CDs are changed in random order (e.g. CD 4, 1, 5, etc.).

#### Switching the playback option

- ▶ In the CD changer main menu (▷ page 66) press the *Setting* soft key. The *Setting* menu appears. The solid circle ● indicates which option is currently selected.

## Audio

### CD changer\* operation



- ▶ Use ▲ or ▼ to select a different option.
- ▶ Press **OK**.

The option is activated. A corresponding display will appear in the status bar for all options except *Normal sequence*.

An option will remain activated even if the *COMAND* is switched OFF and then ON again.



## Audio

### Audio AUX operation



An external audio source, for example a tape player, can be connected to COMAND.

For further information, please contact your Mercedes-Benz Center.

#### Switching to AUX mode

- ▶ Open the Audio main menu (▷ page 36).
- ▶ Press the **AUX** soft key.  
The AUX menu appears.  
The external audio source is made audible, provided it is connected and switched to playback.



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Please refer to the appropriate operating manual for the operation of the external audio source.

In AUX mode, you can adjust the following:

- Volume (▷ page 30)
- Fader and balance (▷ page 31)
- Bass and treble (▷ page 32)
- Sound functions (▷ page 33)

## Satellite radio\*

General information

Satellite radio operation

## Satellite radio\*

### General information

#### Introduction to Satellite radio

Sirius Satellite Radio provides 100 channels, so called streams, of digital-quality radio, among others music, sports, news, and entertainment free of commercials. Sirius Satellite Radio uses a fleet of high-power satellites to broadcast 24 hours per day, coast-to-coast, in the contiguous US.

This diverse, satellite-delivered programming is available for a monthly subscription fee.

For more information and service availability call the Sirius Service Center (▷ page 80), or contact [www.siriusradio.com](http://www.siriusradio.com)

#### Program categories

The channels are categorized. Categories allow you to tune to stations broadcasting a certain type of program (category mode) (▷ page 77).

Category selection ALL contains the station list of all receivable channels (channel mode) (▷ page 77).



Additional optional satellite radio equipment and a subscription to satellite radio service provider are required for the satellite radio operation described in this chapter. Contact your authorized Mercedes-Benz Center for details and availability for your vehicle.



Note that categories and channels shown in illustrations are dependent on programming content delivered by the service provider. Programming content is subject to change. Therefore, channel and categories shown in illustrations and descriptions contained in this manual may differ from the channels and categories delivered by the service provider.

Satellite radio service may be unavailable or interrupted from time to time for a variety of reasons, such as environmental or topographic conditions and other things we can't control. Service might also not be available in certain places (e.g., in tunnels, parking garages, or within or next to buildings) or near other technologies.

## ▼ Satellite radio operation

### Switching to Satellite radio mode

- ▶ Press **SAT**.

Prior to activation of the Satellite radio service (▷ page 75),

After Satellite radio service was activated (▷ page 75).

### Prior to activation of the Satellite radio service

The telephone number of the Sirius Service Center and the twelve-digit electronic serial number (ESN) of the particular receiver are displayed.

This information is required to call the Sirius Service Center for an activation request.



Credit card information is also required for your application.



The activation process takes approximately 5 to 10 minutes after calling the Sirius Service Center.



### After activation of the Satellite radio service

The SAT main menu appears. The radio station selected last is audible, provided it can be received.

## Satellite radio\*

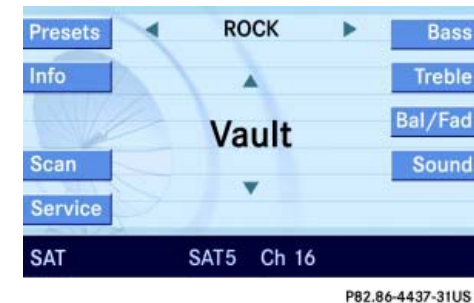
### Satellite radio operation



The system will tune to a default station if no station had been selected previously.

### SAT main menu

Station information is displayed on the main screen and in the center of the status bar.



## Satellite radio\*

### Satellite radio operation

Main area, in this example:

- ROCK = selected category (▷ page 77)
- Vault = name of the selected station

Status bar, in this example:

- SAT (on the left) = the selected mode
- SAT5 = location in the program memory, if the current channel is pre-stored
- Ch16 = number of the current channel

#### Selectable soft keys

- Presets shows channels pre-stored in the program memory (up to 10 channels). You can store stations (▷ page 79) and request stored stations (▷ page 76).
- Info shows additional text information related to the current channel.

- Scan is used to start and stop the scan search (▷ page 79).
- Service displays a screen showing the telephone number of the Sirius Service Center and electronic serial number (ESN) of the particular receiver.

You can also adjust the following:

- Bass and treble (▷ page 32)
- Balance and fader (▷ page 31)
- Sound functions (▷ page 33)
- Volume (not on soft keys) (▷ page 30)

#### Selecting a station

The following options are available:

- Tuning via station presets (▷ page 76)

- Tuning via manual channel input (▷ page 77)
- Tuning via the program category list (▷ page 77)
- Tuning a station within the selected category (▷ page 78)
- Tuning via scan search (▷ page 79)

#### Tuning via station presets

Ten Satellite radio station presets are available.

You can access the presets via number keys or via the Presets menu.



The Presets memory is empty at first-time activation of the system.

### Accessing via number keys

- ▶ Press one of the number keys **1** - **0**.

The system will tune to the station stored under this number.

### Accessing via Presets menu.

- ▶ Press the Presets soft key.  
The Presets list appears.



- ▶ Use **▲** or **▼** to choose a preset and press **OK**,

or

- ▶ Press one of the number keys **1** - **0**.

The system tunes to the station stored under this number.

### Tuning via manual channel input

Example: Tuning in channel 12

- ▶ Press **\***.
- ▶ Press **1** and **2**.

The system tunes to channel 12.



If an entry is made and such a channel is not available, the message Channel unavailable appears. The channel selected last continues playing.

### Tuning via the program category list

The category list contains all currently receivable categories of programs. It is sorted alphabetically.

## Satellite radio\*

### Satellite radio operation

Only one entry is visible at a time. The entry appears at the top of the main screen.

### Selecting a category

Example 1: category ALL

The station list of category ALL contains all receivable channels (channel mode).

- ▶ Use **◀** or **▶** to select the category ALL from the list.



The station listened to before remains tuned.

## Satellite radio\*

### Satellite radio operation

Example 2: category POP

In the station list, only channels of category POP are available (category mode).

- ▶ Use **◀** or **▶** to select the category POP from the list.



If the station listened to before was of POP category, the channel remains tuned. Otherwise the system switches to the station of POP category that was selected last in this category.

The system will automatically switch to a station of POP category if the currently selected station is not of the POP category. Otherwise, the currently selected station remains tuned.

#### Tuning a station within the selected category

The channels identified for the currently selected category are sorted numerically by channel number, which appear in the status bar one at a time.

#### Tuning using COMAND control unit

- ▶ Press **SEEK+** or **▲**.

The search proceeds in ascending order.

or

- ▶ Press **-SEEK** or **▼**.

The search proceeds in descending order and stops at the first receivable station.



Using **▲** or **▼** is followed by a short delay before the change occurs. Using **SEEK+** and **-SEEK** changes the channel immediately.


#### Tuning using the multifunction steering wheel

- ▶ Switch the multifunction display in the instrument cluster to Satellite radio display (▷ page 25).

- ▶ Press **◀**.

The search proceeds in ascending order.

or

- ▶ Press .

The search proceeds in descending order and stops at the first receivable station.

### Tuning via scan search

Scan search is characterized as follows:

- Scan search plays a channel for approx. 8 seconds and then skips to the next channel within the current category.
  - Scan search can be ended manually.
  - Scan search stops automatically at the station that was playing when scan search was started.
- ▶ Press the Scan soft key.  
The scan search starts.

- ▶ Press the Scan soft key again.

The scan search ends.

### Obtaining additional text information

Additional text information (artist and title) related to the current broadcast can be displayed.

- ▶ Press the Info soft key.



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## Satellite radio\*



### Satellite radio operation

#### Storing stations

Two options are available:

- Storing using the number keys (▷ page 79).
- Storing using the Presets menu (▷ page 80).

#### Storing via number keys

- ▶ Press and hold a number key between  and  for more than 2 seconds.

The currently selected station is stored in the corresponding preset location.



When storing a station out of the category All, later selection of this channel does not lead into the category mode.

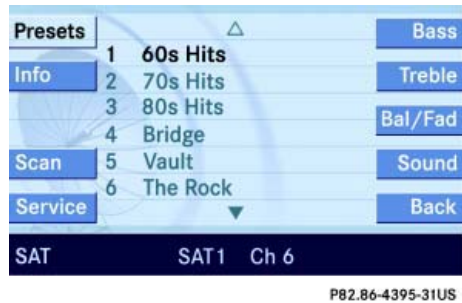


## Satellite radio\*

### Satellite radio operation

#### Storing via Presets menu

- ▶ Press the Presets soft key.  
The Preset list appears.



- ▶ Use ▲ or ▼ to select a preset location.
- ▶ Press **OK** for more than 2 seconds.  
The currently selected station is stored in the corresponding preset location.

#### Resetting Presets menu

The Presets soft key is active indicated by its color changed.

- ▶ Press the Presets soft key.  
All channels in the Preset list are deleted.

#### Calling the Sirius Service Center

- ▶ Press the Service soft key.



The telephone number of the Sirius Service Center and the twelve-digit electronic serial number (ESN) of the particular receiver appear.

It may be necessary to call the Sirius Service Center if, for example:

- you want to cancel the subscription or to re-subscribe at a later date,
- you forget to pay the bill, or
- you sell the car to another person.

**Telephone\***

**Important notes**

**Telephone operation**

**Phone book**

**SMS (Mail)**

## Telephone\*

### Important notes

#### Safety Instructions

##### Warning



Some jurisdictions prohibit the driver from using a cellular telephone while driving. Whether or not prohibited by law, for safety reasons, the driver should not use the cellular telephone while the vehicle is in motion. Stop the vehicle in a safe location before placing or answering a call.

If you nonetheless choose to use the cellular phone while driving, please use the hands-free device and be sure to pay attention to the traffic situation at all times. Use the cellular phone<sup>1</sup> only when road, weather and traffic conditions permit.

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

<sup>1</sup> Observe all legal requirements

##### Warning



Never operate radio transmitters provided with a built-in or attached antenna (i.e. without being connected to an external antenna) from inside the vehicle while the engine is running. Doing so could lead to malfunction of the vehicle's electronic system, possibly resulting in an accident and/or personal injury.

#### Tips on telephone operation



Once the cellular phone is inserted into the telephone cradle, it can be operated:

- using the cellular phone itself,
- using the COMAND control unit,
- using the multifunction steering wheel, or
- using the voice control system\*.

Descriptions in this Operator's Manual presume that the cellular phone is inserted into the telephone cradle.



This Operator's Manual describes operation of the telephone using the COMAND control unit and the multifunction steering wheel. Unless otherwise specified, the descriptions and the illustrated displays refer to the COMAND control unit.

Operation of the cellular phone and voice control system\* are explained in separate operation guides.



Radio transmitters, such as a portable telephone or a citizens band unit, should only be used inside the vehicle if they are connected to a separate exterior antenna approved by Mercedes-Benz.

- Always drive with extreme caution when operating the telephone hands-free.
- For safety reasons, the cellular phone handset should not be used to place or receive a call while driving.
- If the signal is very weak (display in the status bar):  
Wait until reception improves before placing a call.

## Telephone\*

### Important notes

- Close the windows and reduce all external noise as much as possible when using hands-free operation.
- Make sure that the air vents are not pointed in the direction of the microphones located in the overhead control panel near the rear view mirror. Adjust air vents and/or reduce blower speed if necessary.
- A brief disconnection from the cellular network is not a malfunction, as this can occur when the network switches areas. The phone automatically attempts to again sign on with a network.
- If the message `Enter unlock code` is displayed, enter the unlock code (▷ page 88). Only then will you be able to use all the telephone functions.

You will still be able to make 911 emergency calls (▷ page 86) if the telephone is locked.

The telephone cannot, or not yet, be used in the following situations:

- The telephone is already unlocked, but it is not yet registered with the network.

The message `NO SERV.` appears in the status bar. The telephone automatically attempts to register with a network. If there is no network available, “911” emergency calls can NOT be placed. If you try to place an outgoing call, the message `Call not possible` is displayed temporarily.

- If the message `Telephone being activated, please wait` is displayed,
- If the message `Please insert phone` is displayed.
  - ▶ Insert the cellular phone into the telephone cradle.

## ▼ Telephone operation

### Switching the phone ON/OFF

#### Switching ON

The telephone is switched ON automatically when COMAND is activated. The cellular phone must be readily inserted into the cradle.

If COMAND is switched ON, the switched OFF telephone can also be switched ON manually:

- ▶ Press and hold **TEL** for a few seconds until the telephone is switched ON.

The Telephone main menu appears (▷ page 89).

One of the following messages could also appear:

- Please insert phone
  - ▶ Insert the cellular phone into the cradle.
- Phone not installed
 

Your vehicle is not configured for cellular telephone operation.
- Please insert SIM card
 

This message appears only when using a GSM cellular phone.

  - ▶ Insert a SIM card (▷ Telephone Operation Guide).

#### Switching OFF

- ▶ In the Telephone main menu (▷ page 89), press and hold **TEL** for longer than 2 seconds.

or

- ▶ Switch COMAND OFF (▷ page 30).

The telephone switches OFF after a one-minute delay. If a call is in progress during this time, the telephone switches OFF approx. one minute after the call is ended.



If a call is in progress (handsfree) you cannot switch the COMAND OFF, **PWR** is disabled.

## Telephone\*

### Telephone operation

#### 911 emergency calls

##### Warning



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

The following conditions must be met for a “911” emergency call:

- cellular phone readily inserted
- telephone switched ON
- available cellular phone network



If you cannot make an emergency call, you will have to initiate rescue measures yourself.

The 911 emergency call will also function if the telephone is locked.

#### Placing an emergency call

An emergency call can be placed using the cellular phone or the COMAND control unit.

#### Using the cellular phone

(▷ Telephone Operation Guide).

#### Using the COMAND control unit during PIN or unlock code entry



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- ▶ Press the 911 soft key.

The system opens an inquiry menu prompting you if you want to dial a 911 call.

- ▶ If necessary, press to select Yes.
- ▶ Press to confirm Yes if you want to place the 911 emergency call.

The telephone establishes the connection, a ringing tone is audible.

- ▶ Wait until the emergency call center answers, then describe the emergency.

If you do not want to place the emergency call:

- ▶ Press to select No when the inquiry menu appears.
- ▶ Press to confirm No.

**Using the COMAND control unit after PIN and unlock code entry**

- ▶ Press **TEL** repeatedly until the Telephone main menu appears.



- ▶ In succession, press the number keys **9** (wxyz), **1** and **1**.
- ▶ Press **SEND**.  
The telephone establishes the connection, the ringing tone is audible.

- ▶ Wait until the emergency call center answers, then describe the emergency.

**Entering the PIN (only GSM)**



If a GSM cellular phone is used, a PIN may also have to be entered.

The PIN may be entered on the cellular phone itself (▶ Telephone Operation Guide).

The PIN protects the telephone against unauthorized use. Your PIN is found in the telephone service provider's documentation.

Commit your PIN to memory. Most telephone functions are not available before entering the PIN.

**Telephone\***  
**Telephone operation**



- ▶ Press the corresponding number key **1** - **0** for each digit.

In case of erroneous entry, you can delete the last or more digits:

- ▶ Press the **Delete** soft key as often as required.

- ▶ Once all digits have been entered, press the **OK** soft key.





## Telephone\*

### Telephone operation

If the input is correct, the telephone will log itself into the network.



The telephone cannot be used before it is logged-in.

If the input is incorrect, message *Wrong PIN number* will appear briefly.

- ▶ Re-enter the PIN.

After three incorrect entries, the SIM card is blocked. Message *SIM card blocked* will appear briefly.

- ▶ The PUK has to be entered. (▷ Telephone Operation Guide)

#### Entering the unlock code

The unlock code protects the telephone against unauthorized use. The unlock code can be activated on the telephone (▷ Telephone Operation Guide).

Commit your unlock code to memory. The telephone functions are available only after entering the unlock code.



The system switches back to last mode if the unlock code is not entered within 8 seconds after you are prompted to do so.



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Example: unlock code 2307

- ▶ In sequence, press the number keys **2** ABC, **3** DEF, **0** and **7** PQRS.

In case of erroneous entry, delete the last or more digits:

- ▶ Press the **Delete** soft key as often as required.

- ▶ After entering all digits, press **OK** or the OK soft key.

All telephone functions are available if the correct number has been entered.

After registering, Information referring to the telephone signal appears at the right end of the status bar.

The unlock code has to be entered again if the entry was incorrect.

#### Switching to telephone mode

When COMAND is switched ON, switching to telephone mode from any other operation mode is made as follows.

#### On the COMAND control unit

- ▶ Press **TEL**.  
The Telephone main menu opens (▷ page 89).

#### On the multifunction steering wheel

- ▶ See (▷ page 25)

#### Telephone main menu

#### Warning



Some jurisdictions prohibit the driver from using a cellular telephone while driving. Whether or not prohibited by law, for safety reasons, the driver should not use the cellular telephone while the vehicle is in motion. Stop the vehicle in a safe location before placing or answering a call.

If you nonetheless choose to use the cellular phone while driving, please use the hands-free device and be sure to pay attention to the traffic situation at all times. Use the cellular phone<sup>1</sup> only when road, weather and traffic conditions permit.

<sup>1</sup> Observe all legal requirements

## Telephone\*

### Telephone operation

- ▶ Press **TEL**.  
The Telephone main menu appears.



Telephone status information is displayed on the right end of the status bar.



The following displays are possible:

- **READY** = telephone is logged into your cellular phone home network and ready for use,



## Telephone\*


### Telephone operation

- ROAMING = telephone is logged into a cellular phone network outside your home network,
- NO SERV. = no network available,
-  = telephone signal strength,
-  = call active (▷ page 96).

Other messages could also appear:

- If the message  
Please insert phone, Phone not installed or  
Please insert SIM card appears, see chapter  
“Switching the phone ON / OFF”  
(▷ page 85)
- If the message  
Please Enter PIN: appears, see “Entering  
the PIN” (▷ page 87)
- If the message  
Enter unlock code: appears, see “Enter-  
ing unlock code” (▷ page 88)

### Selectable soft keys and options

-  soft key  
Opens the phone book (▷ page 98),
- Recvd. # soft key  
Opens the accepted and missed calls  
list (▷ page 93),
- Dialed # soft key  
Opens dialed calls list (▷ page 94),
- SMS soft key  
Provides access to the SMS menu  
(▷ page 101),
- Entry of a phone number (▷ page 91).



If a list is empty, the corresponding soft key is without function. This is indicated by the corresponding soft key display being shaded out.

### Answering an incoming call

The ringing tone is audible in the event of an incoming call. The call screen pops up on the current display.



If the multifunction display in the instrument cluster is set to telephone mode, the call screen also appears in the multifunction display.



The caller's number appears only if it is transmitted.

The caller's name only appears if, in addition, the number and the name are stored in the phone book (▷ page 98).

### Answering calls

#### *On the COMAND control unit*

- ▶ Press **SEND**.

#### *On the multifunction steering wheel*

- ▶ Press

In both cases the call is active. Communication is conducted via the hands-free system. The call volume can be adjusted (▷ page 30).

For other user functions, see "Active call" (▷ page 96).

#### Ending or refusing a call

#### *On the COMAND control unit*

- ▶ Press **END**.

#### *On the multifunction steering wheel*

- ▶ Press



It is also possible to accept, refuse or end a call from the cellular phone (▷ Telephone Operation Guide).

## Telephone\*

### Telephone operation

#### Placing an outgoing call

The desired phone number has to be entered when placing an outgoing call.

The following options are available:

- entering a phone number directly (▷ page 92)
- initiating redial (▷ page 92)
- selecting an entry in the accepted and missed calls list (▷ page 93)
- selecting an entry in the dialed calls list (▷ page 94)
- using speed dial (▷ page 95)
- opening the phone book and selecting an entry (▷ page 99)

## Telephone\*

### Telephone operation

#### Entering a phone number

- ▶ Open the Telephone main menu (▷ page 89).
- ▶ Use - to enter the phone number.

In case of erroneous entry, you can delete the last or more digits.

- ▶ Press the **Delete** soft key as often as required.
- ▶ After entering the phone number, press **SEND**.

The telephone dials the entered number. The call is activated the moment the other party answers the call. Communication is conducted via the hands-free system. The volume can be adjusted (▷ page 30).

For other user functions, see “Active call” (▷ page 96).

#### Initiating redial

##### *On the COMAND control unit*

Immediate re-dialing of the number dialed last can be initiated:

- ▶ Press **SEND** in the Telephone main menu twice.

The telephone establishes the connection with the number dialed last.

##### *On the multifunction steering wheel*

- ▶ Switch the multifunction display in the instrument cluster to the Telephone main display (▷ page 25).

- ▶ Press twice.

The telephone establishes the connection with the number dialed last.



When pressing only once, the dialed calls list appears in the multifunction display (▷ page 94).

In both cases the telephone initiates the call. The call is activated the moment the other party answers the call. Communication is conducted via the hands-free system. The volume can be adjusted (▷ page 30).

For other user functions, see “Active call” (▷ page 96).

#### Accepted and missed calls

After switching to telephone operation, COMAND can display the number of missed calls in the status bar.



COMAND automatically creates a list of accepted and missed calls. This list can contain 10 entries max.

The accepted and missed calls list can be opened, an entry can be selected, and the call can be returned.

**Selecting an entry from the list of accepted and missed calls.**

#### Opening of list

- ▶ Press the *Recvd. #* soft key in the Telephone main menu (▷ page 89).



If no calls have been received yet the *Recvd. #* soft key is shaded out and without function.

The list appears with the last call highlighted.

The list is sorted chronologically, the last accepted or missed call is displayed at the top of the list.

## Telephone\*

### Telephone operation



The list shows up to ten calls you received last. It is a combined listing of both accepted and missed calls. The list does not show or specify which calls were accepted and which ones were missed.

## Telephone\*

### Telephone operation

#### Switching between number and names

- ▶ Press the 123 soft key.  
This switches the list to number display.
- or
- ▶ Press the ABC soft key.  
This switches the list to name display. The number in the phone book that belongs to the highlighted name is shown in the status bar.

#### Selecting a list entry and establishing the connection

- ▶ Use ▲ or ▼ to select the desired entry.
- ▶ Press **SEND**.  
The telephone initiates the call to the selected number.

### Dialed calls

#### Selecting an entry from the list of dialed calls

COMAND automatically creates a list of dialed calls. This list can contain 10 entries max. The list is sorted chronologically, the last dialed call is displayed at the top of the list.

#### On the COMAND control unit

Opening the list:

- ▶ Press the Dialed # soft key in the Telephone main menu (▷ page 89).

The list appears.



If no calls have been placed yet the Dialed # soft key is shaded out and without function.



Switching between number and names:

- ▶ Press the 123 soft key.  
This switches the list to number display.

If a name in the phonebook is stored with the number of the highlighted call it is shown in the status bar.


- ▶ Press the **ABC** soft key.  
This switches the list to name display. The number in the phone book that belongs to the highlighted name is shown in the status bar.

Selecting a list entry and establishing the connection:


- ▶ Use **▲** or **▼** to select the desired entry.
- ▶ Press **SEND**.  
The telephone initiates the call to the selected number.

### *On the multifunction steering wheel*

Opening the list:

- ▶ Switch the multifunction display in the instrument cluster to the Telephone main display (▷ page 25).
- ▶ Press  once.



If you press  twice, the telephone will immediately establish a connection with the phone number dialed last.


The last dialed call is displayed on the multifunction display.

Selecting a list entry and establishing the connection:

- ▶ Press **▲** or **▼** repeatedly until the desired entry is shown on the multifunction display.

## Telephone\*


### Telephone operation

- ▶ Press .

The telephone initiates the call to the selected number.

### Speed dial

On the cellular phone, telephone numbers can be stored in a speed dial memory (▷ Telephone Operation Guide). You can retrieve the entries of the speed dial memory via COMAND.

- ▶ Open the Telephone main menu (▷ page 89).
- ▶ Press a number key between **1** and **9**  and hold it for more than approx. 2 seconds.

The telephone establishes the connection with the stored number.



## Telephone\*

### Telephone operation

#### Active call

The call is activated the moment the other party answers the call. The call display appears. The duration of the call is displayed in the status bar.



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On the multifunction steering wheel a call screen is displayed if the multifunction display in the instrument cluster is switched to Telephone main display (▷ page 26).



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The following functions are available during a call:

- Ending the active call (▷ page 96)
- Switching the hands-free microphone ON/OFF (▷ page 96)
- Transmitting number sequences (▷ page 97)

#### Ending the active call

##### On the COMAND control unit

- ▶ Press **END**.

##### On the multifunction steering wheel

- ▶ Press .

#### Switching the hands-free microphone ON/OFF

The soft key **Mic Off** shows the status of the microphone.

Microphone OFF: soft key = **Mic Off**

Microphone ON: soft key = **Mic Off**



- ▶ Press the **Mic Off** soft key.



This switches the microphone OFF or ON. The display of the soft key changes accordingly.

The other party cannot hear you if the microphone is switched OFF; however, you can hear the other party.

#### Transmitting number sequences

Answering machines or other devices could possibly be controlled through number sequences (e.g. remote query functions).

- ▶ With an open connection, press one of the appropriate number keys  -  for each digit.

You can also transmit the characters  and  (#).

## Telephone\*

### Phone book

The phone book contains all entries of the cellular phone memory.



If a GSM phone is used, the phone book contains all entries of the telephone phone book.

#### Opening the phone book

##### On the COMAND control unit

- ▶ Press the soft key in the Telephone main menu (▷ page 89).

The Phone Book menu appears on the display. The first list entry is highlighted automatically.



If no numbers are stored in the phone book, the soft key is shaded out and without function.

##### On the multifunction steering wheel

- ▶ Switch the multifunction display in the instrument cluster to the Telephone main display (▷ page 26).
- ▶ Press or .

A phone book entry appears on the multifunction display; scroll up or down as required.

#### Phone Book menu



An example for the Phone Book menu is shown above. It shows a list of the phone book entries whose names start with the letter B. Displayed in the status bar is the number of the highlighted name, in this example 18005551212.



Various icons may be assigned to the phone numbers, depending on the entry made on the telephone:

- Home number
- Work number
- Fax number
- Main number
- Mobile number
- Pager number

In the instrument cluster the name of the category assigned to the phone number, e.g. Home, appears in the multifunction display.

## Telephone\*

### Phone book

The following options are now available:

- Switching between number and name (▷ page 99).
- Selecting a phone book entry and establishing a connection (▷ page 99).
- Adding spoken names to a phone book entry (▷ page 100). This option is only available for vehicles with voice control system\*.
- Deleting a phone book entry (▷ page 100).

#### Switching between number and name

- ▶ Open the phone book from COMAND (▷ page 98).
- ▶ Press the 123 soft key.

This switches the display to number display. The name of the highlighted entry is shown in the status bar;

or

- ▶ Press the ABC soft key.

This switches the display to name display. The number of the highlighted entry is shown in the status bar.

#### Selecting a phone book entry and establishing a connection

##### On the COMAND control unit

- ▶ Open the phone book (▷ page 98).  
A list of phone book entries appears, beginning with a specific first letter (initial).

##### Changing initials

- ▶ Press ◀ or ▶ once or repeatedly.  
Each time you press the button, the display changes to the next letter up or down.

At the end of the list of letters is the category *Other*. This category combines all entries without a name, or entries whose names start with a special character (e.g. \* or #).

##### Selecting an entry

- ▶ If necessary, change the initial letter (▷ page 99).
- ▶ Select an entry using ▲ or ▼.

If you press and hold either one of the buttons, the scrolling up or down accelerates.

##### Establishing a connection




- ▶ Press SEND.

The telephone initiates the connection with the appropriate number.

## Telephone\*

### Phone book

#### On the multifunction steering wheel

- ▶ Switch the multifunction display in the instrument cluster to the Telephone main display (▷ page 89).
- ▶ Press  or  repeatedly until the desired entry is shown in the multifunction display.
- ▶ Press .  
The telephone initiates the connection with the selected number.

#### Adding spoken names to a phone book entry

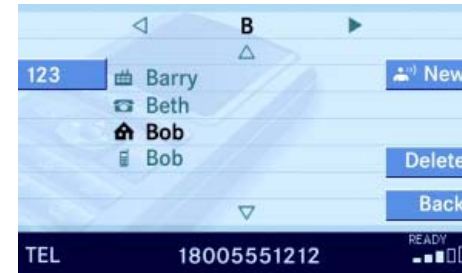
If your vehicle is equipped with voice control system\* you can add up to 20 spoken names to each phone book entry.



Via the voice control system\* you can dial a number by speaking the name.  
(▷ Voice control system\* Operator's manual).

- ▶ Select a phone book entry (▷ page 99).
- ▶ Press the *New* soft key.  
The voice control system\* prompts you to speak a name.
- ▶ Speak the name.  
The voice control system\* prompts you to speak the name again.
- ▶ Repeat the name.  
The name is stored.

#### Deleting a phone book entry

- ▶ Select the phone book entry to be deleted from COMAND (▷ page 99).



- ▶ Press the *Delete* soft key.  
The delete prompt is displayed.
- ▶ Use  to select the menu item *Yes*.
- ▶ Press .  
The entry is deleted.

### ▼ SMS (Mail)

SMS messages can be received if your vehicle is equipped with a telephone and SMS messaging is available from your carrier.

Received messages are saved in the folder SMS inbox.



Incoming new messages are indicated by the symbol in the status bar. Symbol appears in the status bar if the SMS memory is full.

In addition, a corresponding message is displayed when the folder is opened.

#### SMS inbox

- ▶ Open the Telephone main menu (▷ page 89).



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- ▶ Press the SMS soft key.  
The folder SMS inbox appears.



If no SMS messages have been received the SMS soft key is without function and therefore shaded out.

## Telephone\*

### SMS (Mail)



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The SMS inbox shows the list of received messages. The list is sorted chronologically, the last message received is displayed at the top of the list.

The corresponding date and time appears in the status bar when the selected message has been received.

- ▶ Use or to select another message.



## Telephone\*

### SMS (Mail)



The ● symbol at the beginning of a list entry indicates that the message has not been read.

The SMS inbox offers the following options:

- Switching between subject and sender.
- Reading a message (▷ page 102).
- Deleting a message (▷ page 103).

#### Switching between subject and sender

The SMS messages can be displayed with the sender or the subject. In the SMS inbox (▷ page 101) you can either see the **Subject** soft key or the **Sender** soft key.

- ▶ Press the **Subject** soft key.

The first characters of the message texts appears;

or

- ▶ Press the **Sender** soft key.

The name(s) or phone number(s) of the message sender(s) appear(s).



The sender's number only appears if it has been transmitted.

The sender's name only appears if, in addition, the number and the name are stored in the phone book (▷ page 98).

#### Reading a message

- ▶ In the SMS inbox (▷ page 101), use ▲ or ▼ to select a message.
- ▶ Press **OK**.

The message text appears.



- ▶ To scroll through the message text, press ▲ or ▼ as required.

#### Switching between content and sender

You can either see the **Sender** soft key or the **Contents** soft key.

- ▶ Press the **Sender** soft key.

The sender's name appears if it is saved in the phone book. If not, only the phone number appears.

or

- ▶ Press the **Contents** soft key.

The message text appears;

- ▶ To return to the SMS inbox press the **Back** soft key.

#### Deleting a message

- ▶ In the SMS inbox (▷ page 101), use **▲** or **▼** to select the message to be deleted.
- ▶ Press the **Delete** soft key.  
A delete prompt is displayed.
- ▶ Use **◀** to select the menu item **Yes**.
- ▶ Press **OK**.  
The message is now deleted.

#### Exiting from the SMS menu

- ▶ Press the **Back** soft key.  
This returns you to the Telephone main menu.





## **Navigation\***

**Important notes**

**Navigation main menu**

**Destination entry**

**Route guidance**

**During route guidance**

**Last destinations and destination memory**

**POIs (Points of Interest)**

## Navigation\*

### Important notes

#### Safety Instructions

##### Warning



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

Do not watch display screen or operate buttons while the vehicle is in motion - let navigation announcements guide you. Stop at a safe location before using buttons or making corrections.

Traffic regulations always have priority over any route recommendations given.

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

The route calculated by COMAND is a recommendation on how to best reach your selected destination.

During route guidance, you will not receive any information on

- Traffic lights
- Stop and yield signs
- Parking or stopping zones
- One-way streets
- Narrow bridges
- Similar traffic regulation data

You should therefore always strictly observe traffic regulations while driving. Drive carefully and always obey traffic laws and road signs even if they contradict COMAND instructions.

##### Warning



The Navigation DVD module contains a Class 1 laser product. There is a danger of invisible laser radiation if the cover is opened or damaged.

Do not remove the cover. The Navigation DVD module does not contain any parts which can be serviced by the user. For safety reasons, have any service work which may be necessary performed only by qualified personnel.

### Navigation DVD

COMAND calculates the route with the help of data that is stored on the navigation DVD.

Only use Mercedes-Benz navigation DVDs designed for the E-Class (211) COMAND system. No other CDs or DVDs will work. Using other navigation CDs or DVDs might lead to malfunctions.

Because of changes in local traffic patterns (e.g. road works) and/or incomplete data, errors in calculation may occur.

As a result, the recommended route may deviate from the ideal route. The data stored on the DVD only reflects local conditions at the time of DVD production. DVD maps do not cover all areas nor all routes within an area.

### Loading/ejecting the DVD

The DVD is loaded into (and ejected from) the navigation module. The navigation module is mounted on the left-hand side of the trunk.



- ① Ejecting DVDs
- ② DVD slot

## Navigation\*

### Important notes



Your Navigation DVD drive has been designed to play DVDs which correspond to the IEC 60908 standard.


If you insert thicker data carriers, e.g. ones that have data on both sides (one side with DVD data, the other side with audio data), they cannot be ejected and will damage the drive.

### Loading

- ▶ Insert the DVD into the DVD slot ② with the label facing up.

The navigation computer pulls the DVD in.

### Ejecting

- ▶ Press  and wait until the navigation computer ejects the DVD.

## Navigation\*

### Important notes

#### Travelling abroad

The navigation DVD covers the continental U.S., Hawaii and Canada.

Contact your Mercedes-Benz Center or the Customer Assistance Center in the U.S. at 1-800-FOR-MERCEdes (1-800-367-6372) or in Canada at 1-800-387-0100 for other DVDs that may be available.

- ▶ Change the navigation DVD (▷ page 107).

#### Route guidance with GPS



GPS (Global Positioning System) signals received make it possible to determine the current vehicle position.



Deviations from the actual position may occur

- if the reception of GPS signals is disturbed e. g. in parking garages and tunnels
- if road conditions are bad
- depending on the vehicle's condition

#### Route guidance after vehicle transport

If your vehicle has been transported by a car, train or ferry, COMAND may require some time to find its exact position. COMAND may issue navigation announcements not suited to your actual position.

Moving the vehicle a few yards is typically enough to remedy the situation.



The navigation DVD must be loaded in the navigation computer (▷ page 107).

While determining the exact position, route guidance is subject to the following restrictions:

- COMAND does not output navigation announcements.
- The display OFF ROAD and an arrow indicating the direction of the destination appear instead of the detailed navigation displays.

Once the system is correctly repositioned, route guidance continues with navigation announcements and detailed navigation displays.

### Trip interruption during route guidance



Trip interruption means parking the vehicle and switching COMAND OFF.

Trip continuation means trip continuation with COMAND switched ON.

The following instructions have to be followed when interrupting a trip during route guidance, and later continuation:

- Continuation of the trip within 2 hours after interruption:  
The system automatically resumes route guidance.
- Continuation of the trip between 2 and 12 hours after interruption:
  - ▶ Continue route guidance manually in the Navigation main menu (> page 110).

- Continuation of the trip more than 12 hours after interruption:  
Route guidance must be restarted.
  - ▶ Select the destination from the Last destinations memory (> page 147),or
  - ▶ Re-enter the destination (> page 117).

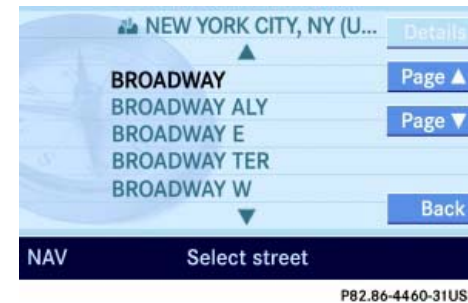
### Selection lists

Some menus provide lists from which you can select an item.

Example: Menu to select a street

## Navigation\*

### Important notes



You can select a list item using or .

If, as shown in the example, you can see the Page soft keys, then you can use the soft keys to scroll up or down the list, page by page.

As soon as you reach the beginning or end of a list, the appropriate soft key is deactivated.

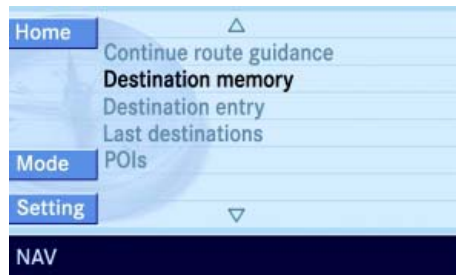
## Navigation\*

### Navigation main menu

#### Calling up the Navigation main menu

- ▶ Press **NAV**.

The Navigation main menu appears, if no route guidance is active.



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If route guidance is active, a prompt is displayed instead, asking if route guidance is to be cancelled (▷ page 134).

- ▶ Use **▲** or **▼** to select a menu item and press **OK**;

or

- ▶ Press one of the soft keys.

The selected menu or the selected soft key function appears.

#### Selectable menu items

- Continue route guidance  
Continues a cancelled route guidance,



This menu item only appears:

- if the route guidance had previously been interrupted (▷ page 134), and less than 30 minutes have expired since the interruption,
- or
- if the trip was interrupted and is to be continued 2 - 12 hours after interruption (▷ page 109).

- Destination memory  
Destinations can be selected from the Destination memory (▷ page 148),

- Destination entry  
Provides access to the Destination entry menu (▷ page 117),

- Last destinations  
You can select from the list of last destinations (▷ page 147),

- POIs  
(Points of Interest)  
Provides access to POIs input (▷ page 151). POIs include stops at gas stations, airports, rest areas, hospitals, etc.



Destination memory and Last destinations can only be selected only if destinations are already stored in the system.

### Selectable soft keys

- Home soft key  
Provides access to the input of a home address (▷ page 115).
- Mode soft key  
Provides access to the route mode setting for certain road types to be avoided (▷ page 111).
- Setting soft key  
Provides access to settings adjusting the acoustics of navigation announcements (treble, bass, volume, balance and fader) (▷ page 111).

### Avoiding certain road types

Certain road types to be avoided can be defined for the system's route calculation.

- ▶ Press the Mode soft key in the Navigation main menu (▷ page 110).  
The Setting Mode menu for road types to be avoided appears.



- ▶ Use ▲ or ▼ to select an option.
- ▶ Press OK.  
This will switch the option ON or OFF.



Empty square  = option OFF  
Solid square  = option ON

Several options can be activated.

- ▶ Upon completion, press the Back soft key.

## Navigation\*

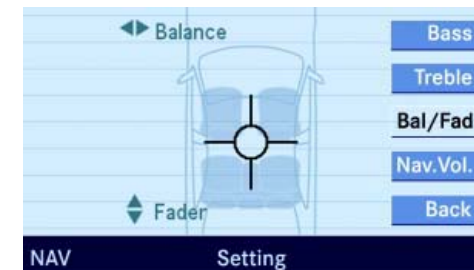
### Navigation main menu

#### Adjusting the acoustics for navigation announcements

The following acoustics criteria for navigation announcements can be adjusted:

- Bass / Treble (▷ page 112).
- Balance / Fader (▷ page 112).
- Volume (▷ page 112).
- ▶ Press the Setting soft key in the Navigation main menu (▷ page 110).

The Setting menu appears. ▷▷





## Navigation\*

### Navigation main menu

#### Setting bass/treble

- ▶ Press the Bass or Treble soft key in the Setting menu.
- ▶ Press **◀** or **▶**.  
The cursor moves horizontally, adjusting bass or treble accordingly.
- ▶ Press **OK** or the Back soft key,  
or
- ▶ Wait until the display changes.  
The new setting is stored and activated.

#### Setting balance and fader

- ▶ Press the Bal /Fad soft key in the Setting menu.  
A cross-hair cursor appears. The vertical line represents the balance setting. The horizontal line represents the fader setting.

- ▶ Press **◀** or **▶**.  
The vertical line moves, adjusting the balance accordingly,  
or
- ▶ Press **▲** or **▼**.  
The horizontal line moves, adjusting the fader accordingly.



The lines can be moved simultaneously using **↖** and **↗**.

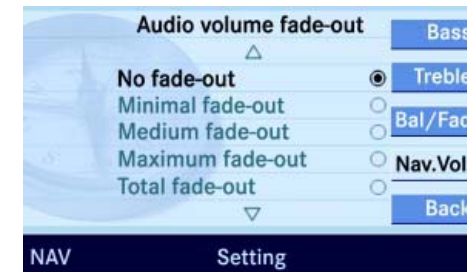
- ▶ Press **OK** or the Back soft key,  
or
- ▶ Wait until the display changes.  
The new setting is stored and activated.

#### Adjusting the volume

Automatically generated navigation announcements are superimposed over any other active audio source. The volume difference is adjustable. This setting serves to lower the volume of the currently active audio source while the announcement is being made.

- ▶ In the Setting menu (▷ page 111), press the Nav.Vol. soft key.

Use this menu to set the volume difference.



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The solid circle ● shows the current setting.

- ▶ Press the ▲ or ▼ key to select the desired setting.
- ▶ Press OK or the Back soft key.

The new setting is stored and activated.

## Navigation\*

### Destination entry

#### Entering data

##### Entering characters

For character entry, the 12 button keypad or the keypad menu can be used.

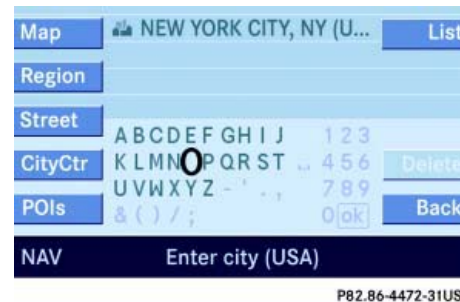


For more convenient entry, COMAND offers only available characters from the character set based on your selections and the data stored on the navigation DVD.

The character selected appears magnified or black.

The system will complete the entry if the input matches data stored on the navigation DVD.

##### Entering a character via keypad menu



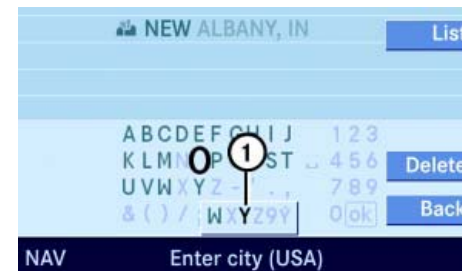
P82.86-4472-31US

- ▶ Use , , , , or to select a character
- ▶ Press .  
The character is entered.

##### Entering a character via 12 button keypad

- ▶ Use the - keys to enter a character.  
A key must be pressed once or several times in quick succession.

After pressing the first time, the character display ① appears.



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##### ① Character display

You can see which characters can be entered when using the keys. Each additional depression moves you to the next available character. The character selected appears black.

- ▶ Wait until the character display disappears, or press .  
The character is entered.

### Deleting a character

- ▶ Press the **Delete** soft key, if necessary. The character last accepted by the system is deleted.



Do not confuse the **Delete** soft key (deletion of the last character) with the **Back** soft key (deletion of the complete entry).

### Confirming the data entry

After entering all the characters data entry must be confirmed.

- ▶ Press and hold **OK** for approx. 2 seconds to confirm the entry;
- or
- ▶ Use **▶** or **▼** to select the **OK** symbol and press **OK**.



The **OK** symbol can only be selected if the system has recognized data entry.

### Entering a home address

One frequently used destination address can be established as the Home address.

- ▶ Call up the Navigation main menu (▷ page 110).
- ▶ Press the **Home** soft key.

A message **No home address stored** appears or if a home address has already been established, the home address appears.



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## Navigation\*

### Destination entry

- ▶ To start route guidance to the established home address press **OK**.

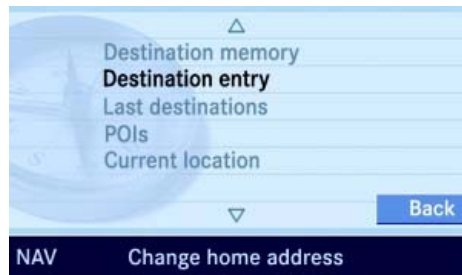
or

- ▶ To enter or change the home address, press the **Change** soft key.

The Navigation main menu with menu items to change the home address appears. ▷▷

## Navigation\*

### Destination entry



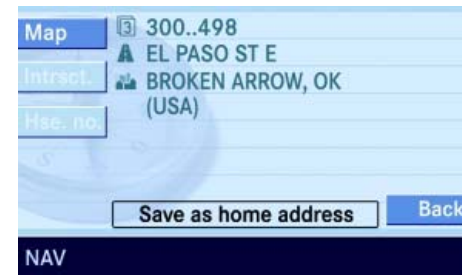
#### Selectable menu items

- Destination memory  
You can select destinations from the Destination memory (▷ page 148) only if destinations have already been stored.
- Destination entry  
You can enter a destination manually via the Destination entry menu (▷ page 117).

- Last destinations  
You can select from the list of last destinations (▷ page 147) only if the system has already stored destinations.
- POIs  
You can input POIs (points of interest), for example gas stations, airports or hospitals.
- Current location  
Provides access to store the current location as home address (▷ page 116) or select a home address using the map (▷ page 116).

#### Storing current location as home address

- ▶ Use ▲ or ▼ to select the Current location menu item and press OK.



- ▶ To store the displayed address as home address, press OK.

#### Select a home address using the map

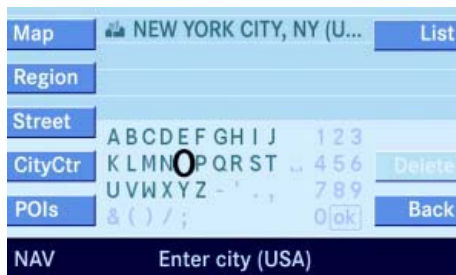
- ▶ Use ▲ or ▼ to select the Current location menu item and press OK.
- ▶ Press the Map soft key.
- ▶ Proceed as described under “Moving the map and selecting a destination” (▷ page 126).

- ▶ Or, to store the selected destination as home address, press **OK**.

### Destination entry menu

- ▶ Call up the Navigation main menu (▷ page 110).
- ▶ Use **▲** or **▼** to select the Destination entry menu item and press **OK**.

The Destination entry menu appears.



The destination displayed last can now be adopted (▷ page 118), or another location can be entered (▷ page 118).

### Entering a destination

- ▶ Call up the Destination entry menu. The Destination entry menu represents the starting point.

Besides entering the name of a city (▷ page 118), the following soft keys are available for selecting a destination:

- **Map soft key**  
Provides access to destination input directly via road map (▷ page 125).
- **Region soft key**  
Provides access to the region input (▷ page 117).
- **Street soft key**  
Provides access to input of the destination street (▷ page 121).
- **CityCtr soft key**  
Provides access to the input of a city section (center) (▷ page 120).

## Navigation\*

### Destination entry

- **POIs soft key**  
Provides access to the input of a POI (Point of interest) (▷ page 151).
- **List soft key**  
Allows selecting a destination city from a city list (▷ page 119).



The Street, CityCtr, and POIs soft key functions refer to the city on display.

If you wish to choose global POIs not referring to a city (▷ page 151).

### Selecting the region

In the Destination entry menu (▷ page 117) the region currently selected is indicated by the characters in parenthesis in the status bar.

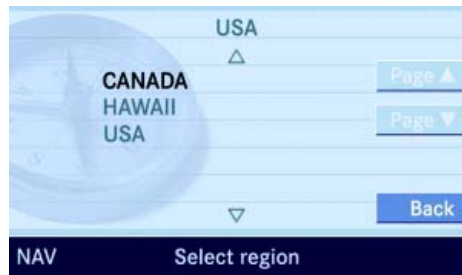
- ▶ To change the region press the **Region** soft key.

The region list appears.



## Navigation\*

### Destination entry



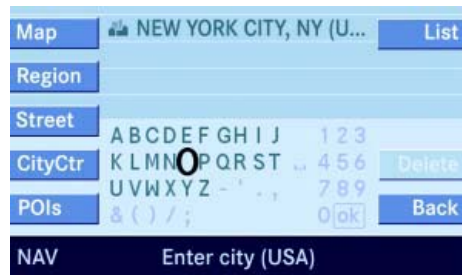
P82.86-4467-31US

- ▶ Use ▲ or ▼ to select a region.
- ▶ Press **OK**.

Selecting a different region deletes the city last entered. The first city of the newly selected region appears (in alphabetical order).

#### Entering a city

The Destination entry menu (▷ page 117) represents the starting point.



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Enter city (USA) appears in the status bar. The characters in parenthesis indicate the selected region.

#### Accepting the displayed destination

- ▶ Press and hold **OK** for approx. 2 seconds.



Do not confuse the **OK** button with the **OK** symbol in the main screen.

#### Entering a different city

- ▶ Use the keypad menu or the 12 button keypad to enter the data of the city (▷ page 114).

After entering the city a selection list of cities appears. Now continue with selecting a city.

Switching to a selection list is possible at any time while entering a city.

- ▶ Press the **List** soft key.

The selection list appears. Now continue with selecting a city.

## Selecting a city



- ▶ Use ▲ or ▼ to select the destination city. The Page soft keys allow scrolling through the list page by page.



The selection is cancelled if the Back soft key is pressed.

- ▶ Press OK.

After selecting the desired city, one of the following menus appears:

- For larger cities with more than 15 streets:  
Enter Street menu (▷ page 121).
- For smaller cities with up to 15 streets:  
Select Street menu (▷ page 121).
- If no streets are registered for the selected city:  
Select City Center menu (▷ page 120).

The appropriate menu can be identified from the display in the status bar.

## Navigation\*

### Destination entry

#### Narrowing of the destination after selecting city



Besides entering a street name (▷ page 121), the following soft keys are available for narrowing the destination:

- Map soft key  
Provides access to further destination input directly via road map (▷ page 125).

▷▷



## Navigation\*

### Destination entry

- **Ci tyCtr** soft key  
Provides access to the selection of a section of the city (center) (▷ page 120).
- ▶ **POIs** soft key  
Provides access to the input of a POI referring to the destination city (▷ page 152).

#### Entering a city center

After the destination city (▷ page 118) has been entered, the associated city center (section of the city) can be selected.

- ▶ Press the **Ci tyCtr** soft key.  
Enter center is displayed in the status bar.



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#### Accepting the destination displayed

- ▶ Press and hold **OK** for approx. 2 seconds.

#### Entering a center

- ▶ Use the keypad menu or the 12 button keypad to enter the data of the center (▷ page 114).

After entering the center a selection list of centers appears. Now continue with selecting a center.

Switching to a selection list is possible at any time while entering a center.

- ▶ Press the **List** soft key.

The selection list appears. Now continue with selecting a center.

#### Selecting a city center



P82.86-4464-31US

- ▶ Use **▲** or **▼** to select a city center.  
The **Page** soft keys allow scrolling through the list page by page.

- ▶ Press **OK**.

The Start Route Guidance menu (▷ page 130) appears.

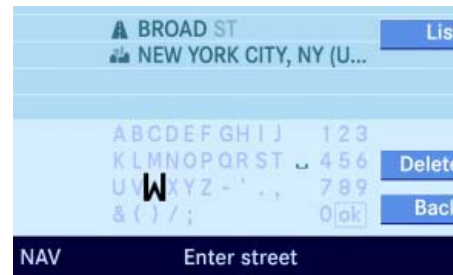
### Entering a street in the destination city

The system accesses one of the following menus after entering of a destination city (▷ page 118):

- For larger cities with more than 15 streets:  
Enter Street menu.
- For smaller cities with up to 15 streets:  
Select Street menu (▷ page 121).
- If no streets are registered for the selected city, or if a street extends through several city centers:  
Select City Center menu (▷ page 120).

The appropriate menu can be identified from the display in the status bar.

### Entering a street



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- ▶ Use the keypad menu or the 12 button keypad to enter the data of the street (▷ page 114).

After entering the street a selection list of streets appears. Now continue with selecting a street.

Switching to a selection list is possible at any time while entering a street.

- ▶ Press the **List** soft key.  
The selection list appears. Now continue with selecting a street.

## Navigation\*

### Destination entry

### Selecting a street



P82.86-4460-31US

- ▶ Use **▲** or **▼** to select a street. The **Page** soft keys allow scrolling through the list page by page.

- ▶ Press **OK**.

The Start Route Guidance menu with the selected destination information appears;

or

If the street extends through several city centers, the list of city centers referring to the street selected appears.

## Navigation\*

### Destination entry

#### Selecting the city center referring to the street selected

The system distinguishes between streets with the same name in a city by specifying the center. After selecting a street, a list of city centers may appear.

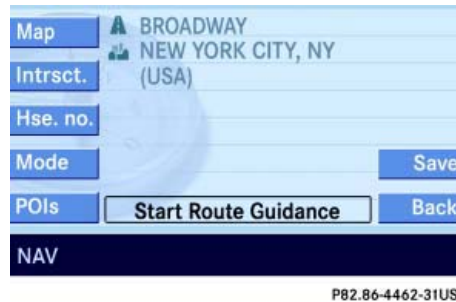
The status bar shows how many times the system found the same street name within a given city.



- ▶ Use ▲ or ▼ to select a center and press OK.

The Start Route Guidance menu with the selected destination information appears.

#### Narrowing of the destination after selecting street



The following soft keys are available to continue narrowing the destination after entering the street:

- Map soft key  
Provides access to further destination input directly via road map (▷ page 125).

- Intrst. soft key  
An intersection with the destination street can be entered (▷ page 123).
- Hse. no. soft key  
A house number on the destination street can be entered (▷ page 124).



Only the entry of either an intersecting road or a house number is possible.

- POI's soft key  
A POI on or near the destination street can be entered (▷ page 152).

The following soft keys can also be selected:

- Mode soft key  
For setting the route mode (▷ page 111).
- Save soft key  
Stores the entered destination in the destination memory (▷ page 149).

## Navigation\*

### Destination entry

#### Entering an intersection

After entering a street (▷ page 121), a street intersecting with this street can be entered.

- ▶ Press the **Intrst.** soft key.

The Enter Intersection menu or a list of all intersecting streets appears.



The **Intrst.** soft key is only available if streets intersecting the destination street are stored as intersections on the navigation DVD.

#### Enter Intersection menu



P82.86-4468-31US

- ▶ Proceed the same as when entering a street (▷ page 121).

#### List of intersecting streets



P82.86-4469-31US

- ▶ Use **▲** or **▼** to select an intersection. The **Page** soft keys allow scrolling through the list page by page.
- ▶ Press **OK**.

The Start Route Guidance menu (▷ page 130) appears.

## Navigation\*

### Destination entry

#### Entering a house number

A house number can be entered after entering the destination street (▷ page 121).



An intersection instead of a house number can be entered (▷ page 123). Entry of both is not possible.



P82.86-4462-31US

- ▶ Press the Hse. no. soft key.

The Enter House Number menu appears (▷ page 124), or the house number list appears. Now a house number range can be selected (▷ page 125).



The Hse. no. soft key is only available when registered house numbers are stored on the navigation DVD for the selected street.

#### Enter House Number menu



P82.86-4465-31US

- ▶ Use , , , , or to select the numbers. Press after each selection.



Symbol “”XX represents a space.

or

- ▶ Press - to enter the numbers.
- ▶ Press the Delete soft key if necessary.

The number last accepted by the system is deleted.



Do not confuse the Delete soft key (deletion of the last number) with the Back soft key (deletion of the complete entry).

- ▶ Press and hold for approx. 2 seconds to confirm the input;

or

- ▶ Use **▶** or **▼** to select the **ok** symbol and press **OK**.  
The house number list appears. Now a house number range can be selected.



The **ok** symbol can only be selected if the system recognized the house number.

### Selecting a house number range



P82.86-4466-31US

- ▶ Use **▲** or **▼** to select the desired range of house numbers. The **Page** soft keys allow scrolling through the list page by page.
- ▶ Press **OK**.  
The Start Route Guidance menu (▶ page 130) appears.

### Entering a destination using the map

#### Calling up the map display

- ▶ Press **MAP**;
- or
- ▶ Press the **Map** soft key if it appears in a menu.  
The map appears in full-screen display.
- ▶ If the soft key displays are hidden, press any soft key.  
The soft key displays appear.

## Navigation\*

### Destination entry



If no soft key is selected within approx. 8 seconds, the soft key displays will disappear.



P82.86-4514-31US

#### Selectable soft keys

- **Coord.** soft key  
Allows entering a destination via geo coordinates (▶ page 127).
- **Symbol** soft key  
Provides access to setting the symbols display (▶ page 142) ▶▶

## Navigation\*

### Destination entry

- **Memory soft key**  
The current map location is stored (▷ page 128).
- **Display soft key**  
You can select which POIs will appear as symbols on the map (▷ page 142).



The soft keys **Coord.**, **Memory** and **Display** are visible only if the map has been called up using **MAP**.

- **Zoom In soft key**  
The map scale will change to display a more detailed map.
- **Zoom Out soft key**  
The map scale will change to display a map that shows a wider area.

### Moving the map and selecting a destination

- ▶ Move the cursor using **Left**, **Right**, **Up**, **Down**, **Left/Up** or **Left/Down** to select the desired destination.
- ▶ Release the button.

If the system finds a street name at the location the cursor is pointing to, the corresponding street name is shown in the status bar.

In this example: WATER ST



The destination selection will be lost when pressing the **Back** soft key. The system reverses to the details of the previously entered destination.

### Start route guidance to the selected destination

- ▶ Press **OK**.

The Start Route Guidance menu appears if route guidance has not yet been activated.

- ▶ Press **OK**.

Route calculation begins.

If route guidance is already active, you will be prompted to confirm that you wish to accept the new destination.

- ▶ Press **Left** to select Yes.

- ▶ Press **OK**.

Route calculation begins.

### Entering a destination via geo coordinates

Destination input via coordinates (longitude and latitude) will only be possible if the map display is visible and if the **Coord.** soft key is displayed.

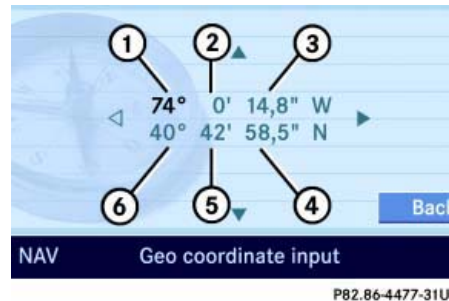
- ▶ Press **MAP**.
- ▶ Press any soft key if the soft key displays are hidden.

The soft key displays appear.



- ▶ Press the **Coord.** soft key.

The menu for entering coordinates appears. You can set the individual values for the longitude and latitude in this menu.



- ① "Hours" longitude value
- ② "Minutes" longitude value
- ③ "Seconds" longitude value
- ④ "Seconds" latitude value
- ⑤ "Minutes" latitude value
- ⑥ "Hours" latitude value

## Navigation\*

### Destination entry

- ▶ Press **◀** or **▶** to select the value you wish to set.
- ▶ Select the desired value using **▲** or **▼**.
- ▶ Keep repeating the last two steps until you have set the required longitude and latitude.
- ▶ Press **OK**.

If the coordinates entered are located in the digital map range, the display will switch to map display with cursor. The center point of the cursor indicates the position of the coordinates entered on the map.





## Navigation\*

### Destination entry



P82.86-4515-31US

- ▶ Press **OK**.

The Start Route Guidance menu appears.


- ▶ Press **OK**.

Route calculation begins.



Route guidance is only possible to coordinates within the digital map range.

### Storing map location

You can store the current vehicle position or a location selected via the map as an entry in the Last Destinations memory. Therein such entries are marked with  (▷ page 147).

If you wish to store such entries for later retrieval or repeat usage, you can store them in the standard destination memory (▷ page 148).

### Storing current vehicle position


- ▶ Press **MAP**.

- ▶ Press any soft key if the soft key displays are hidden.

The soft key displays appear.



P82.86-4512-31US

- ① Symbol  = current vehicle location

- ▶ Press the **Memory** soft key.

The system stores the current vehicle position.

While storage takes place, the **Memory** soft key display changes its color for a short period of time.

**Storing locations selected via the map**

- ▶ Press **MAP**.
- ▶ Move the map and select a location (▷ page 126).



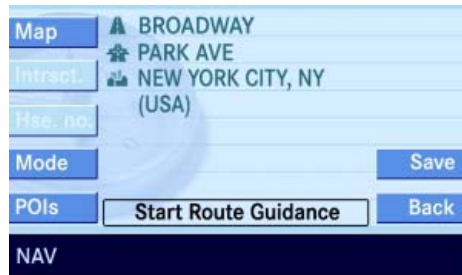
- ▶ Press the *Memory* soft key.  
 The system stores the current cursor position.  
 While storage takes place, the *Memory* soft key display changes its color for a short period of time.

## Navigation\*

### Route guidance

#### Start route guidance menu

You can start route guidance when the destination input is complete and Start Route Guidance is displayed at the bottom of the main area.



Besides starting route guidance following soft keys are available:

- **Mode soft key**  
Provides access to the route mode setting for certain road types to be avoided (▷ page 111).

- **Save soft key**  
Stores the entered destination in the destination memory (▷ page 148).
- ▶ To start route guidance, press **OK**.  
The route is calculated and route guidance begins.

#### Route calculation

Depending on the distance to the destination, route calculation can take some time. While the route is being calculated, Reading Navi DVD... Please Wait and an arrow pointing towards the destination are displayed. Once route calculation is complete, route guidance begins.

Because of changes in local traffic patterns (e.g. road works) and/or incomplete data, errors in calculation may occur.

As a result, the recommended route may deviate from the ideal route. The data stored on the DVD only reflects local conditions at the time of DVD production. DVD maps may not cover all areas nor all routes within an area.

#### Route re-calculation

The system will calculate a new route during active route guidance if the driver fails to follow the route guidance.



During recalculation, **NEW RTE** is displayed. The arrow is not solid.

## Navigation announcements

### Warning



Navigation announcements are intended to direct you while driving without diverting your attention from the road and driving.

Please always use this feature instead of consulting the map display for directions. Consulting the symbols or map display for directions may cause you to divert your attention from driving and increase your risk of an accident.

After route calculation, the system assists route guidance using pictorial displays and navigation announcements.

## Current navigation announcements

If a navigation announcement is not readily understood, it can be repeated at any time.

- ▶ Press **RPT**.

The current navigation announcement is repeated.

## Cancelling navigation announcements

- ▶ Press **MUTE**.

The current announcement is cancelled.

The next navigation announcement will again be audible.

## Switching navigation announcements ON/OFF

### Switching OFF

- ▶ During a navigation announcement, press **MUTE** for approx. 2 seconds.

## Navigation\*

### Route guidance

For a short period of time, the message **Voice announcements muted** is displayed.

Now further route guidance takes place using only the symbols in the display. If a new route guidance cycle is started, the announcements are automatically switched ON again.

### Switching ON manually

- ▶ Press **RPT**.

## Navigation displays

The navigation displays are visible only with activated route guidance.

- ▶ To switch to the navigation display from another display, e.g. from CD mode, press **NAV** or **MAP**.

Two display examples are shown below.

## Navigation\*

### Route guidance

#### Display example 1




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The road currently travelled on is indicated in the status bar at the bottom, in this example I-80 E (Interstate 80 East). The information 1.2 mi indicates the distance to the next driving maneuver.



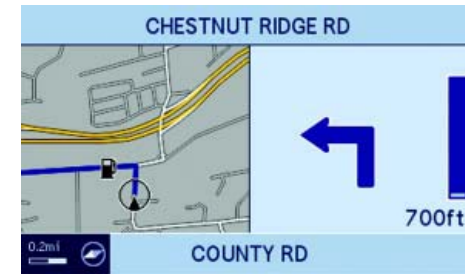
The display unit can be changed to km or miles using the control system (see your vehicle Operator's Manual). When the display unit is set to miles, the COMAND will indicate distances in miles (mi) or feet (ft). When the display unit is set to km, the COMAND will indicate distances in kilometers (km) and meters (m).

The circle  shows the current vehicle location. The arrow in the circle designates the current driving direction. The remaining route is highlighted in color.



The colored highlight only appears when the system has completed the route calculation.

#### Display example 2





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On the right-hand side of the display the symbol for the next driving maneuver is indicated (here left turn). On the very right is a distance bar. The dark blue part of the bar and the information 700ft, in this example, indicate the distance to the next driving maneuver.

## Navigation\*


### Route guidance

If available, the street following the driving maneuver with its name is shown in the top status bar (here CHESTNUT RIDGE RD).

The destination is marked with a flag  on the map, any stop-over destination is marked with a flag .

#### Changing map scale



The currently selected map scale is shown in the left-hand corner of the bottom status bar .



The display unit can be changed to km or miles using the control system (see your vehicle Operator's Manual). When the display unit is set to miles, COMAND will indicate distances in miles (mi) or feet (ft). When the display unit is set to km, COMAND will indicate distances in kilometers (km) and meters (m).

- ▶ Press any soft key.

The soft key displays appear.



If no soft key is selected within approx. 8 seconds, the soft key display will disappear.



- ▶ Press the  or  soft key.

Depending on your selection, the map will zoom in and display greater detail or zoom out and show a wider area.

The map scale bar in the status bar will show the map scale currently selected.

#### Map orientation

During route guidance, a symbol will appear on the left of the bottom status bar if map display is switched ON:

- North symbol :  
Fixed map orientation, north is always pointing up;
- or
- Compass symbol :  
Dynamic map orientation, driving direction is always pointing up.

Map orientation can be set manually (▷ page 143).

## Navigation\*

### Route guidance

#### Changing map display

The map display can be switched between split-screen mode and full-screen mode manually or automatically.

- Split-screen mode  
The map is shown on the left, while information concerning the next driving maneuver is shown on the right.
- Full-screen mode  
The map covers the entire screen.

#### Switching manually

- ▶ Press **MAP**.

Each time **MAP** is pressed, the system alternates between split-screen and full-screen display mode.

#### Switching automatically

See “Automatic map toggling” (▷ page 145).



Information concerning the current location is shown in the status bar if GPS display (▷ page 144) and full-screen display are activated.

#### Destination reached



Route guidance ends when the selected destination is reached.

#### Cancelling route guidance

- ▶ In navigation mode, press **NAV**.  
A prompt as to whether or not route guidance is to be cancelled appears.
- ▶ Use **◀** to select the menu item Yes.
- ▶ Press **OK**.

Route guidance is cancelled. After a short time, the Navigation main menu appears.



Route guidance can be continued again in the Navigation main menu (▷ page 110).

#### ▼ During route guidance

Using the soft keys, diverse menus or displays can be requested, and settings can be adjusted during route guidance.

#### Showing soft key displays

COMAND automatically hides the soft key displays after a certain period of time.

- ▶ Press any soft key while route guidance is active

The soft key displays appear.



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#### Selectable soft keys

- Info soft key  
Provides access to the Info menu (▷ page 135).
- Detour soft key  
Provides access to the Detour function (▷ page 137).
- St-over soft-key  
Provides access to the stop-over function (▷ page 139).
- Symbol soft key  
Provides access to setting the symbols display (▷ page 142)
- Memory soft key  
The map position is stored (▷ page 128).
- Display soft key  
Provides access to the Display menu (▷ page 142).

- soft key  
The map scale will change to display a more detailed map.
- soft key  
The map scale will change to display a map that shows a wider area.

#### Info menu

- ▶ If the soft key displays are shown (▷ page 135), press the Info soft key. The Info menu appears. This shows you the main destination and a stopover destination that may have been entered. ▷▷



## Navigation\*

### During route guidance



- ① Estimated time of arrival
- ② Remaining driving time in hours and minutes
- ③ Remaining journey (distance)

Points ①, ② and ③ refer to the stop-over destination. You'll only see the details for the final destination when you arrive at your stopover and the system has calculated the route to the main destination.



The estimated time of arrival does not refer to the time zone of destination, but always refers to the time zone of the vehicle's current location. For a correct calculation, make sure that the system clock is set correctly (▷ page 162).

Selectable soft keys:




- **Route** soft key  
Provides access to the display of the route on the map (▷ page 136).
- **Mode** soft key  
Provides access to the route mode setting for certain road types to be avoided (▷ page 111).

#### Displaying the route on the map

- ▶ In the Info menu (▷ page 135), press the **Route** soft key.



The map appears. The route remaining is highlighted in blue color.

The destination is marked with a flag , any stop-over destination is marked with a flag . The current vehicle position is identified with the  symbol. Depending on the distance to the destination, it may take some time before the route display appears.

#### Displaying the route list

- ▶ In the Info menu (▷ page 135), press the **Route** soft key.  
The route appears on the map.
- ▶ Press the **List** soft key.



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The list of road/route sections remaining appears. The road currently travelled on appears at the top.

- ▶ Use **▲** or **▼** to scroll through the list. The **Page** soft keys allow scrolling through the list page by page.



Depending on the distance to the destination, it may take a few moments before the route list is completed. The list is completed only when the route calculation is completed. **Dest.** is displayed before the last list entry.

#### Detour function

The Detour function blocks a route segment ahead.

The length of this route segment can be entered. The system then calculates a detour route, if possible.

- ▶ Show the soft key displays (▷ page 135).

The Detour soft key display indicates whether the Detour function is active.

**Detour** = not active

**Detour** = active

#### Detour function is not active

You can activate the function and set the length of a route segment to be blocked (▷ page 137).

#### Detour function is already active

You can change the length of the route segment to be blocked (▷ page 138), or switch off the Detour function by deleting the detour (▷ page 138).

#### Activating detour function and setting length of route segment to be blocked

- ▶ Show the soft key displays (▷ page 135).
- ▶ Press the **Detour** soft key.

The system gives you a full-screen map and freezes the map and screen showing the position of the vehicle. You can now set the distance of the route segment to be blocked. ▷▷


## Navigation\*

### During route guidance

- ▶ Continue to press the soft key **More** or **Less** until the desired distance for the route segment to be blocked is reached.

The length of the route segment blocked ahead appears in the status bar. The section of the road that is blocked appears as a red and white dotted line on the map.



① Symbol  = current position

- ▶ Press **OK**.

The system calculates a new route avoiding the blocked road segment.

### Changing detour

- ▶ Show the soft key displays ([▷ page 135](#)).
- ▶ Press the **Detour** soft key.
- ▶ Use **▼** to select the **Change detour** menu item.
- ▶ Press **OK**.

You can now enter the length of the road segment to be blocked.

- ▶ Continue to press the **More** or **Less** soft key until the desired distance for the route segment to be blocked is set.
- ▶ Press **OK**.

The system calculates a new route avoiding the blocked segment, if possible.

### Deleting detour

- ▶ Show the soft key displays ([▷ page 135](#)).

If a Detour is already active, the **Detour** soft key is displayed in no color.

- ▶ Press the **Detour** soft key.



- ▶ Use **▲** to select the **Delete detour** menu item.
- ▶ Press **OK**.

The blocked road segment or detour requirement is cancelled. The system recalculates the route.

## Stop-over

This function offers the option of selecting a stop-over destination while route guidance is active.

A stop-over destination can be, for example, a gas station, a rest area, or a hospital. Once the stop-over destination has been reached, the system automatically calculates the route to the final destination.

- ▶ Show the soft key displays (▷ page 135).



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The St-over soft key display indicates whether the stop-over function is active.

St-over = not active

St-over = active

Route guidance to a stop-over destination is not active:

You can enter a stop-over destination (▷ page 139).

Route guidance to a stop-over destination is already active:

You can change the stop-over destination or cancel the route guidance to it by deleting the stop-over (▷ page 141).

## Entering an stop-over destination

- ▶ Show the soft key displays (▷ page 135).

- ▶ Press the St-over soft key.

The full-screen map display appears.




## Navigation\*

### During route guidance



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## Selectable soft keys

-  soft key: Provides access to a list of Mercedes-Benz Centers in the area.
-  soft key: Provides access to a list of gas stations in the area.
-  soft key: Provides access to a list of parking areas and multi-story car parks in the area. ▷▷

## Navigation\*

### During route guidance

- **POI** soft key:  
Provides access to a list of restaurants in the area.
  - **+** soft key:  
Provides access to a list of hospitals in the area.
  - **Other** soft key:  
Allows access to the Destination entry menu (▷ page 117).
- ▶ Press one of the soft keys, for example the **POI** soft key.
- One of several food categories can be chosen (if available).



- ▶ Use **▲** or **▼** to select a category from the list. The **Page** soft keys allow scrolling through the list page by page.
- ▶ Press **OK**.  
If appropriate destinations are available, a list with restaurants in the area appears.



- ▶ **i**  
The arrows point in the direction of the destination.  
Distance information specifies the direct distance to the destination.
- ▶ Use **▲** or **▼** to select a destination from the list. The **Page** soft keys allow scrolling through the list page by page.

- ▶ Press the **Details** soft key, if you want to see details of the selected destination. The details disappear again after approx. 3 seconds, or when pressing the **Details** soft key again.
- ▶ Press **OK** to confirm the selection of a destination. The system begins to calculate the route to the selected stop-over destination.

### Changing/deleting stop-over destinations

- ▶ Show the soft key displays (▷ page 135).



A stop-over destination can be changed or deleted only while the route guidance to this stop-over is active (indicated by **St-over** ).



If no route guidance to a stop-over destination is active yet (▷ page 139).



- ▶ Press the **St-over** soft key. The menu for deleting or changing the stop-over destination appears.
- ▶ Use **▲** to select the **Delete active stopover** entry.

## Navigation\*

### During route guidance



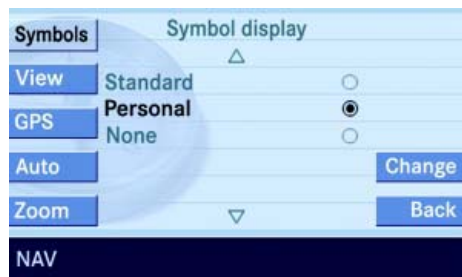
- ▶ Press **OK**. This will delete the stop-over. The system calculates the route to the final destination;
- or
- ▶ Use **▼** to select the **Replace active stopover** entry.
- ▶ Press **OK**. The stop-over is deleted, a new stop-over destination can be entered (▷ page 139).

## Navigation\*

### During route guidance

#### Defining route guidance displays

- ▶ Show the soft key displays (▷ page 135).
- ▶ Press the Display soft key. The Display menu appears.



Selectable soft keys:

- **Symbols** soft key  
Provides access to setting the symbols display (▷ page 142).
- **View** soft key  
Provides access to setting the map orientation (▷ page 143).

- **GPS** soft key  
Provides access to the Position Display menu (▷ page 144).
- **Auto** soft key  
Provides access to the Automatic Map Switching menu (▷ page 145).
- **Zoom** soft key  
Provides access to the definition of the scales for full-screen and split-screen map display (▷ page 145).

#### Setting symbols displays

You can select which POIs will appear as symbols on the map.



The symbols are on display only if the map scale is set at 0.05 mi (50 m), 0.1 mi (100 m), 0.2 mi (200 m), or 0.5 mi (500 m). To set the map scale (▷ page 133).

- ▶ In the Display menu (▷ page 142) press the Symbols soft key. The available options appear.



- ▶ Use ▲ or ▼ to select an option.
- ▶ Press OK.

The selected option is activated. A solid circle ● designates an activated option.

- **Standard** option:  
The symbols for the system default setting are displayed on the map.

- **Personal option:**  
The symbols to be displayed can be selected from a list (▷ page 143).
- **None option:**  
No symbols will be displayed on the map.

**i** The **Change** soft key is only available if the **Personal** option is selected. Otherwise, it will appear shaded out.

### Setting personal symbol display

- ▶ After activating the **Personal** option, press the **Change** soft key.

The list of available symbols will appear.



Empty square  = symbol deactivated  
Solid square  = symbol activated

Any number of symbols can be activated.

- ▶ Use **▲** or **▼** to select a list entry.
- ▶ Press **OK** to activate or deactivate the symbol depending on its previous state.
- ▶ Finally, press the **Back** soft key or wait for the screen to change.

The setting is stored.

### Setting map orientation

One of the following orientations can be selected:

- **2D North up**  
Fixed map orientation, north is always pointing up,

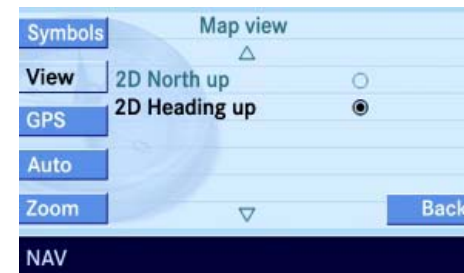
## Navigation\*

### During route guidance

- **2D Heading up**  
Dynamic map orientation, driving direction is always pointing up.

- ▶ In the **Display** menu (▷ page 142), press the **View** soft key.

Both options appear.



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Empty circle  = deactivated  
Solid circle  = activated



## Navigation\*

### During route guidance

#### Changing map orientation

- ▶ Use ▲ or ▼ to select the deactivated option.
- ▶ Press OK.  
The orientation changes.
- ▶ Finally, press the Back soft key or wait for the screen to change.



During route guidance, a symbol will appear on the left-hand side of the bottom status bar if map display is switched ON.

- North symbol 📍:  
Fixed map orientation, north is always pointing up,
- Compass symbol 🧭:  
Dynamic map orientation, driving direction is always pointing up.

#### Switching GPS position display ON/OFF

If you activate GPS position display and full-screen map display (▷ page 134), the following data is displayed in the status bar:

- The current position as coordinates.
- The number of satellites that can currently be received.
- The current elevation (ALT = altitude) above sea level.



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- ▶ In the Display menu (▷ page 142), press the GPS soft key.

The Options On and Off appear.



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The solid circle ● shows the current setting.

- ▶ Use ▲ or ▼ to select the desired option.
- ▶ Press OK.

Depending on the previous setting, GPS position display will be switched ON or OFF.

- ▶ Finally, press the **Back** soft key or wait for the screen to change.

#### Automatic map toggling

If you have set the map view to full screen (▷ page 134) and the automatic map toggling function is activated, then the following happens:

- The system automatically switches to the split-screen map display when a driving maneuver is announced.
- As soon as the driving maneuver is completed, the system automatically returns to full-screen map display.

#### Switching automatic toggling ON/OFF

- ▶ In the Display menu (▷ page 142), press the **Auto** soft key.



The Options **On** and **Off** appear.



The solid circle ● shows the current setting.

- ▶ Use **▲** or **▼** to select the desired option.
- ▶ Press **OK**.

Depending on the previous setting, automatic map toggling will be switched ON or OFF.

## Navigation\*

### During route guidance

- ▶ Finally, press the **Back** soft key or wait for the screen to change.

#### Scales for full-screen and split-screen map display

You can select whether the full-screen and split-screen map scales are to be set together (default setting) or individually.

- ▶ In the Display menu, press the (▷ page 142) **Zoom** soft key.



The **Standard setting** and **Manual** options appear.



## Navigation\*

### During route guidance



The solid circle ● shows the current setting.

- **Standard setting option:**  
The scales for full-screen and split-screen map display are always identical. Changing the scale (▷ page 133) on one map changes the scale of the other.
  - **Manual option:**  
The scales can be different. Changing the scale on one map has no effect on the current scale of the other map.
- ▶ Use ▲ or ▼ to select the desired option.
- ▶ Press **OK**.
- Depending on the previous setting, the **Standard (identical scale)** or **Manual (individual scale)** option is activated.
- ▶ Finally, press the **Back** soft key or wait for the screen to change.

Last destinations and destination memory

▼ Last destinations and destination memory

Last destinations memory

The Last destinations memory automatically stores the last destination for which route guidance had been started.

The current vehicle position and positions selected via the map can also be stored as a destination in this memory (▷ page 128). Such destinations are marked with the ● symbol.

Altogether a maximum of 50 destinations can be stored.

Calling up the Last destinations memory and selecting a destination

- ▶ Call up the Navigation main menu (▷ page 110).

- ▶ Use ▼ to select the Last destinations menu item.

- ▶ Press OK.

The list of last destinations is displayed. The most recently stored destination is at the top of the list.



- ▶ Use ▲ or ▼ to select a destination. The Page soft keys allow scrolling through the list page by page.

Selectable soft keys and options

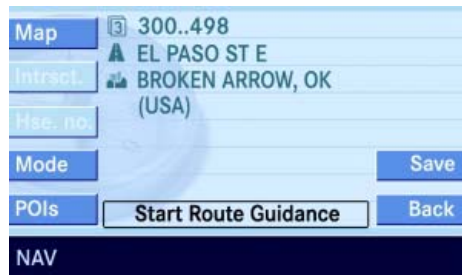
- Save soft key  
Stores the selected destination in the standard destination memory (▷ page 148).
- Details soft key  
Displays details on the selected destination (if available).
- Delete soft key  
Allows to delete the selected destination (▷ page 148).

Starting route guidance to a destination of the Last destination memory

- ▶ Select a destination.
- ▶ Press OK.  
The full destination appears. ▷▷

## Navigation\*

### Last destinations and destination memory



- ▶ Press **OK** if you want to start route guidance, otherwise press the **Back** soft key.

#### Deleting a destination from the last destinations memory

- ▶ Select a destination (▷ page 147)
- ▶ Press the **Delete** soft key.  
You are prompted to confirm whether or not the destination is to be deleted.

- ▶ Use **◀** to select the menu item **Yes**.
- ▶ Press **OK**.  
The destination is deleted.

#### Destination memory

#### Calling up the destination memory and selecting a destination

- ▶ Call up the Navigation main menu (▷ page 110).
- ▶ Use **▲** or **▼** to select the **Destination memory** menu item.
- ▶ Press **OK**.  
The destination memory appears. This is indicated by **Destination memory** in the status bar.



- ▶ Use **◀**, **▶**, **▲**, or **▼** to select the desired entry.

#### Selectable soft keys and options

- **Details** soft key  
Displays details on the selected destination (if available).
- **Delete** soft key  
Allows to delete the selected destination (▷ page 149).

**Starting route guidance to a destination stored in the destination memory**

- ▶ Select a destination.
- ▶ Press **OK**.  
The Start Route Guidance menu appears.
- ▶ Press **OK** if you want to start route guidance, otherwise press the **Back** soft key.

**Deleting a destination from the destination memory**

- ▶ Select a destination (▷ page 148).
- ▶ Press the **Delete** soft key.  
A delete entry prompt appears.
- ▶ Use **◀** to select the menu item **Yes**.
- ▶ Press **OK**.  
The system deletes the entry from the destination memory.

**Storing a destination**

- ▶ In the Start Route Guidance menu (▷ page 130), press the **Save** soft key;  
or
- ▶ Select a destination from the **Last destinations memory** (▷ page 147) and press the **Save** soft key.

The system automatically shows a default name (the city if applicable) as **Destination name**; however a different name can be entered.

**Storing under the default name**

- ▶ Press and hold **OK** for approx. 2 seconds;  
or
- ▶ Use **▶** or **▼** to select the **OK** symbol and press **OK**.

The system will store the address under the default name.

**Storing under a different name**



The name must have at least one character.

- ▶ Press the **Delete** soft key to delete the default name.

Upper and lower case characters, accented characters, special characters and numbers can be entered.

To select lower or upper case or to select special characters, the following shift symbols on the display are available:

- = upper case
- = lower case
- = special characters



Symbol “**␣**” represents a space.



## Navigation\*

### Last destinations and destination memory

- ▶ If necessary, use , or to select one of the shift fields.
- ▶ Press .  
The characters are shifted.
- ▶ Use , , , , or to select the characters. Press after each selection.
- ▶ If necessary, press the Delete soft key to delete the character last entered.



Do not confuse the Delete soft key (deletion of the last character) with the Back soft key (deletion of the complete entry).



- ▶ Upon completion of the name entry press and hold for approx. 2 seconds;
- or
- ▶ Use or to select the symbol and press .

The system will store the address.

▼ POIs (Points of Interest)

Entering POIs

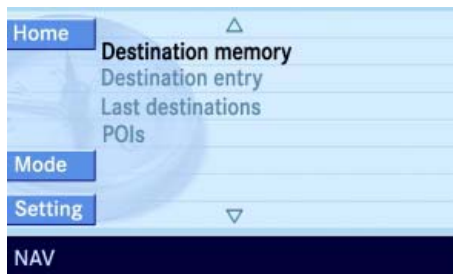


POIs include gas stations, airports, parking areas, rest stops, hospitals, etc.

Via Navigation main menu

- ▶ Call up the Navigation main menu (▷ page 110).

The Navigation main menu appears.



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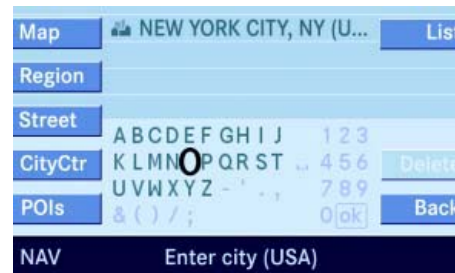
- ▶ Use to select the POIs menu item.
- ▶ Press **OK**.  
The POIs main menu appears (▷ page 152).

Via the map

A POI shown on the map can be selected (▷ page 155).

Via Destination entry menu

- ▶ Open the Destination entry menu (▷ page 117).



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A POI in the vicinity of a city can now be selected;

or

If a further location detail, e.g. a street, is to be entered:

A POI in the vicinity of this detailed location can be selected.

- ▶ Enter the desired details of a destination (▷ page 117).
- ▶ Press the POIs soft key.
- ▶ Proceed as described in the “Selecting POI in the local area of the current position” section under “Selecting a POI category” (▷ page 152).



## Navigation\*

### POIs (Points of Interest)

#### POIs main menu



Selection of one of the following menu items is possible:

- Current position  
Selecting a POI in the local area (▷ page 152).
- Select city  
Selecting a POI in any city to be selected (▷ page 153).

- Global destinations  
A POI from global categories can be selected (▷ page 153). The selection is restricted to the region entered last; however, the region selection can be changed.

#### Selecting POI in the local area of the current position

- ▶ In the POIs main menu, (▷ page 152) select the Current position menu item.
- ▶ Press **OK**.  
A list of POI categories appears for the selection of a category.

#### Selecting a POI category



- ▶ Use **▲** or **▼** to select a category.  
The Page soft keys allow scrolling through the list page by page.
- ▶ Press **OK**.  
If you have selected the Restaurant category, another list will be displayed from which you can select a sub-category, e.g. Chinese food.  
If you have selected any other category, this will take you straight to the list of POIs.

### Selecting a POI



P82.86-4493-31US

- ▶ Use ▲ or ▼ to select a POI. The Page soft keys allow scrolling through the list page by page.
- ▶ Press the Details soft key if you want to see details of a selected POI.

The details disappear again after approx. 3 seconds, or when pressing the Details soft key again.

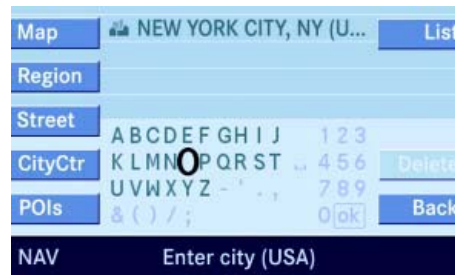
- ▶ Press OK.

The Start Route Guidance menu appears.

- ▶ Press OK to start route guidance.

### Selecting POI for a selected city

- ▶ In the POIs main menu, (▷ page 152), select the Select city menu item.
- ▶ Enter a city as described in the Destination entry section (▷ page 117).



P82.86-4472-31US

- ▶ After entering the city, press OK.

A list of POI categories appears for the selection of a category.

## Navigation\*

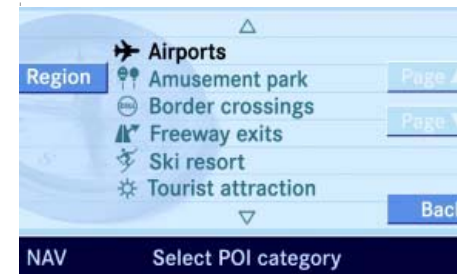
### POIs (Points of Interest)

- ▶ Proceed with “Selecting a POI category” (▷ page 152) and “Selecting a POI” (▷ page 153).

### Selecting POI for a long-distance destination

- ▶ In the POIs main menu (▷ page 152), select the Global destinations menu item.

The list of long-distance POI categories appears.



P82.86-4494-31US

## Navigation\*

### POIs (Points of Interest)

The following options are now available:

- Selecting another region
- Selecting a POI category

#### Selecting another region

- ▶ Press the **Region** soft key.

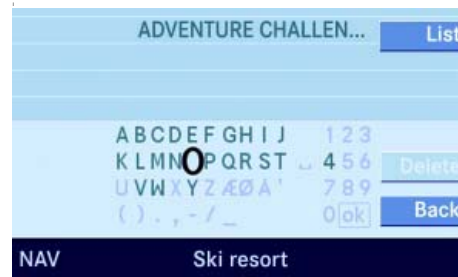
The region list appears. Please see “Selecting the region” (▷ page 117).

#### Selecting a POI category

- ▶ Use **▲** or **▼** to select a category.
- ▶ Press **OK**.

Depending on the number of POIs in the selected category, a POI name can be entered (▷ page 154) or a POI can be selected from a list (▷ page 154).

#### Entering POI names



- ▶ Proceed the same way as if you would enter a city (▷ page 118).

The entry can be bypassed if the POI name is not known.

- ▶ Press and hold **OK** for more than approx. 2 seconds.

After entering the POI name, or after bypassing the entry, a POI can be selected.

#### Selecting a POI



- ▶ Use **▲** or **▼** to select a POI. The **Page** soft keys allow scrolling through the list page by page.



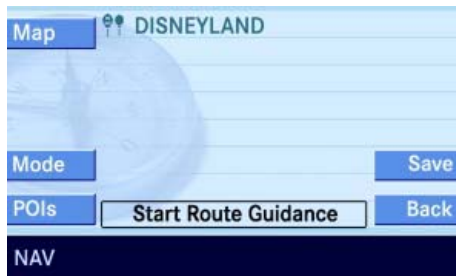
The list also includes the distance “as the crow flies” (as opposed to road distance), and the direction to the POI.

- ▶ Press the **Details** soft key if you want to see details of a selected POI.

The details disappear after approx. 3 seconds, or when pressing the Details soft key again.

- ▶ Press **OK**.

The Start Route Guidance menu appears.



- ▶ Press **OK** to start route guidance.

#### Selecting a POI using the map

- ▶ Press **MAP**

or

- ▶ In the Destination entry menu (▷ page 117), press the **Map** soft key.

The full-screen map appears. Symbols indicate the POIs.



The POI symbols to be displayed can be selected (▷ page 142).

Symbols are indicated only if the map scale is set to 0.05 mi (50 m), 0.1 mi (100 m), 0.2 mi (200 m), or 0.5 mi (500 m).

To change the map scale (▷ page 133).

## Navigation\*

### POIs (Points of Interest)

- ▶ If required, use **◀**, **▶**, **▲**, **▼**, **↖**, or **↗** to move the map.
- ▶ If the soft key displays are hidden, press any soft key.

The soft key displays appear.



- ▶ Press the **Symbol** soft key.

A POI is selected and highlighted in color. Its name appears in the status bar. ▷▷

## Navigation\*

### POIs (Points of Interest)



- ▶ Press the **Prev.** or **Next** soft key to select the desired POI.
- ▶ Press the **Details** soft key if you want to see details of a selected POI.

The details disappear again after approx. 3 seconds, or when pressing the **Details** soft key again.

- ▶ Press **OK**.

You are prompted to confirm the selected POI as the destination.

- ▶ Use **Left Arrow** to select the menu item **Yes**.
- ▶ Press **OK**.  
The Start Route Guidance menu appears.
- ▶ Press **OK** to start route guidance.

**Service**

**Tele Aid\***

## Service

### Tele Aid\*

Tele Aid incorporates the following functions:

- Emergency call system
- Roadside Assistance
- Information

#### Emergency call system

For certain emergency situations, the system automatically triggers an emergency call. An emergency call can also be triggered manually. Refer to your vehicle Operator's Manual for additional information.

If the system initiates an emergency call, *Connecting* appears on the display.

During the emergency call *Call Connected* appears on the display. No operation from COMAND is possible.

#### Roadside Assistance

Mercedes-Benz Roadside Assistance will assist if technical problems with your vehicle are experienced.

Roadside Assistance can be requested manually. Refer to your vehicle Operator's Manual for additional information.

Upon request of Roadside Assistance the system initiates the call to the Mercedes-Benz Response Center.

*Connecting* appears on the display.

If the connection is made, the message *Call Connected* appears on the display.

Even after ending of the connection, the service may remain active for up to another 5 minutes in order to transmit any required data. During this time, phone calls cannot be made, nor can SMS messages be received.

During activation of a roadside assistance call, it is not possible to switch to another application.

The transmitted data can contain, e.g., text messages or address details of a Mercedes-Benz Center.

#### Canceling text messages

- ▶ Press **OK** after you have read the message.

The message disappears.

#### Starting route guidance

You are prompted to confirm if route guidance to the address is to be started.

- ▶ Use **◀** to select the *Yes* menu item and confirm with **OK**.


The system starts the route calculation, and subsequently the route guidance to the defined address (▷ page 130).

### Ending the connection

#### *On the COMAND control unit*

- ▶ Press **END**.

#### *On the multifunction steering wheel*

- ▶ Press .

COMAND reverts to the system last active before Tele Aid was activated.

#### Information

A call to the Mercedes-Benz Response Center will be initiated. Information regarding the operation of your vehicle, the nearest authorized Mercedes-Benz Center or Mercedes-Benz USA products and services is available to you. Refer to your vehicle Operator's Manual for additional information.

When a call to the Mercedes-Benz Response Center is initiated, *Connecting* appears on the display.

When the connection is made, the message *Call Connected* appears on the display.

Even after the connection has been ended, the service will remain active for 5 minutes in order to transmit any required data. During this time, phone calls can not be made, nor can SMS messages be received.

The transmitted data can contain, e.g., text messages or address details of a Mercedes-Benz Center.

### Canceling text messages

- ▶ Press **OK** after you have read the message.

The message disappears.

### Starting route guidance

You are prompted to confirm if route guidance to the address is to be started.

- ▶ Use **◀** to select the *Yes* menu item and confirm with **OK**.

The system starts the route calculation, and subsequently the route guidance to the defined address (▷ page 130).





**System**

**System settings**

**161**

## System

### System settings

#### Calling up the System menu

- ▶ Press **SERV**.

The System menu appears.



P82.86-4442-31US

#### Selectable soft keys

- Time soft key  
For setting the date and time.
- Lang. soft key  
For setting the language (▷ page 164).

- Tones soft key  
For switching confirmation beeps and acoustic signals ON and OFF (▷ page 165).
- Display soft key  
For changing the display settings (▷ page 165).
- VC tips soft key  
To call up the Voice control settings\* (▷ page 166).
- Reset soft key  
For reversing COMAND to the factory settings (▷ page 169).

#### Setting the date/time

- ▶ In the System menu, press the Time soft key.

The Date/Time settings menu appears.



P82.86-4448-31US

The following options are now available:

- Setting the time
- Setting the date
- Setting the date/time format

### Setting the time

The UTC time transmitted by the GPS satellites has to be set to the local time zone. This enhances

- correct navigation for routes with time-dependent traffic guidance, and
- correct calculation of the estimated time of arrival.



There is no automatic change from daylight saving time to standard time. This has to be changed manually.

When you change the time zone, the clock time also changes automatically. If you enter an incorrect time, the time difference remains unchanged when you change time zone.

- ▶ Use or to select the hours or the minutes.

- ▶ Press or .

Depending on the selection, hours or minutes are set.

Setting the minutes:

With GPS reception, each time you press or changes the time in increments of 30 minutes. Without GPS reception, the time is changed in 1 minute increments.

Setting the hours:

Each time you press or , the hours change in increments of 1 hour.

- ▶ Press the **Back** soft key.  
The new setting is stored.

### Setting the date



The date can be set only if GPS reception is available.

- ▶ Use or to select the day, the month or the year.
- ▶ Press or .

Depending on the selection, the day, the month, or the year is set.

- ▶ Press the **Back** soft key.  
The new setting is stored.

### Setting the date/Time format

- ▶ Press the **Format** soft key.

You will see the date and time following the currently selected format, as well as a list of possible formats.

## System

### System settings



List entry 1-3: Date formats

List entry 4 and 5: Time formats  
(Entry 5 is not visible on the display example below.)

Solid circle ● : format set

Empty circle ○ : format not set



P82.86-4449-31US

Setting the format:

▶ Use ▲ or ▼ to select a format.

▶ Press **OK**.

The appropriate format is selected.

▶ Press the **Back** soft key or wait for the screen to change.

The new setting is stored.

#### Setting the language

The language setting changes the display language as well as the language used for voice instructions in navigation announcements.

▶ In the System menu (▷ page 162), press the **Lang.** soft key.

The language list is displayed.

The following options are available:

- Instr. cluster settings:  
The system switches to the language already set in the vehicle instrument cluster (▷ Vehicle Operator's manual).
- All other options:  
The system switches to the requested language.



P82.86-4445-31US

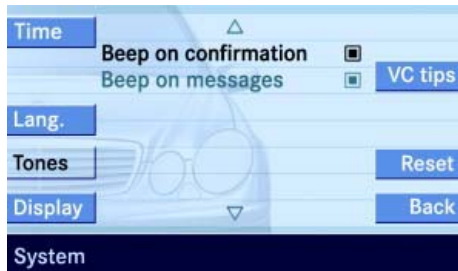
- ▶ Use ▲ or ▼ to select an entry.
- ▶ Press OK.
- ▶ Press the Back soft key or wait for screen to change.

The new setting is stored.

#### Switching confirmation beeps and acoustic signals ON/OFF

- ▶ In the System menu (▷ page 162), press the Tones soft key.

The list of available sounds is displayed.



P82.86-4447-31US

- ▶ Use ▲ or ▼ to select an entry.
- ▶ Press OK.

The requested sounds are switched ON or OFF.



The square next to a list entry shows the status.

Empty square  = sound OFF  
Solid square  = sound ON

- ▶ Press the Back soft key or wait for screen to change.

The System menu appears. The new setting is stored.

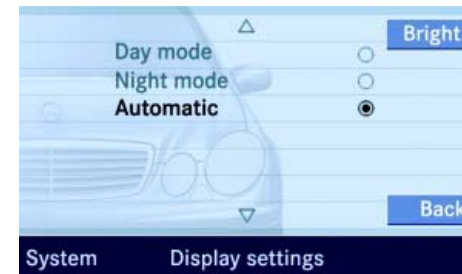
#### Display settings

- ▶ In the System menu (▷ page 162), press the Display soft key.

The Display Settings menu appears.

## System

### System settings



P82.86-4443-31US

The following soft key and option are available:

- Bright. soft key  
Provides access to adjusting the display brightness (▷ page 166).
- Switching the display dimming characteristics (▷ page 166).

## System

### System settings

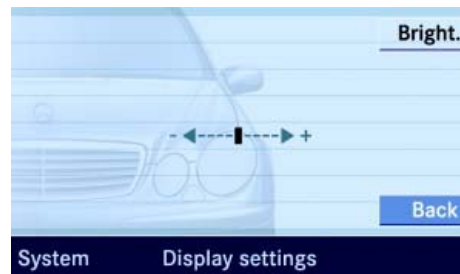
#### Switching the display dimming characteristics

You can select from 3 display dimming modes:

- Day mode  
The display is constantly set to daytime design.
  - Night mode  
The display is constantly set to night-time design.
  - Automatic  
The display will change depending on the illumination of the instrument cluster.
- ▶ Use ▲ or ▼ to select an entry.
- ▶ Press OK.

#### Adjusting display brightness

- ▶ Press the Bright. soft key.  
The Brightness display appears.



P82.86-4444-31US

- ▶ Press ◀ or ▶.
- The brightness changes accordingly.
- ▶ Press the Back soft key or wait for screen to change.
- The new setting is stored.

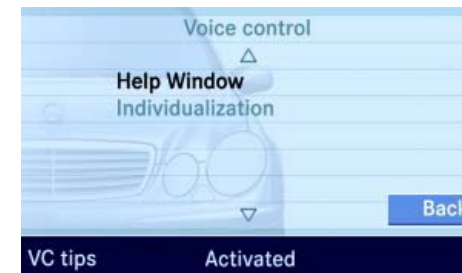
#### Voice control settings\*

Use this function to:

- Start or delete voice control individualization (▷ page 167)
- Activate/deactivate the voice control help window

#### Activate/deactivate the help window

- ▶ Open the System menu (▷ page 162).
- ▶ Press the VC tips soft key.  
The Voice control menu appears.



P82.86-4440-31US

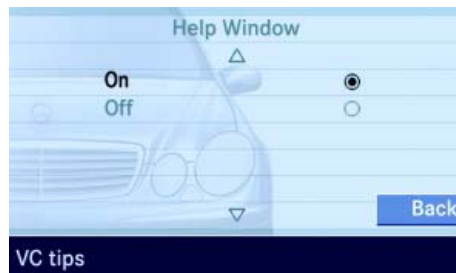
- ▶ Press the **▲** key to select the Help Window menu item.

The status bar shows you whether the help window is activated or deactivated.

- ▶ Press **OK**.

The menu to activate or deactivate the help window appears. The solid circle ● shows whether the help window is activated or deactivated.

In the following display example, the help window is activated.



P82.86-4439-31US

- ▶ Press **▲** or **▼** to select the menu item with the empty circle ○.

- ▶ Press **OK**.

This will activate or deactivate the help window.

#### Voice control individualization

The individualization function is used to adapt the voice control to your own voice and to therefore improve speech recognition. This does not affect speech recognition of other users.

Individualization consists of two stages. The first stage involves training digits, whilst the second stage trains specific commands.

- ▶ From the System menu (▶ page 162), press the VC tips soft key.

The Voice control menu appears.

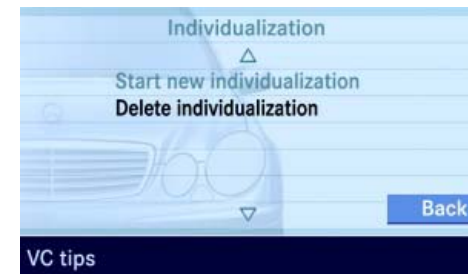
## System

### System settings

- ▶ Press **▼** to select menu item Individualization.

- ▶ Press **OK**.

The Individualization menu appears.



P82.86-4441-31US



## System

### System settings

#### Starting individualization



You can only activate the individualization function when the car is stationary. If the car is moving, the following message appears: Individualization only possible when car is stationary.

▶ Press to select menu item Start new individualization.

▶ Press .

The individualization process starts.

The system now guides you through the individualization process using a dialog, all operations are voice inputs.

After completion of the first stage, the system prompts you to save the data from the first stage.

If you don't save the first stage:

- Individualization is cancelled,
- Data from an existing first stage remains unchanged.

If you save the first stage:

- Data from an existing first stage is over-written but is not saved until the second stage is started.

If you don't start the second stage:

- Data from the first stage remains unchanged,
- The individualization process is finished.



If you later decide to start the second stage, you must restart the individualization process from the beginning of the first stage.

After completion of the second stage, the system prompts you to save the data of the second stage.

If you don't save the second stage:

- Individualization is cancelled,
- Data from an existing second stage remains unchanged.

If you save the second stage:

- Data from an existing second stage is deleted and all new data is saved,
- Individualization is finished.

### Canceling individualization

You can cancel individualization at any time during either the first or second stage. All existing data remains unchanged.

- ▶ During any individualization stage, press the **Cancel** soft key.  
Individualization is cancelled.

### Deleting individualization



This function is not available if no individualization data has been saved.

- ▶ From the Individualization menu, press **▼** to select menu item **Delete individualization**.



- ▶ Press **OK**.  
A prompt appears, which asks if you really want to delete the data.
- ▶ Press **◀** to select **Yes**.
- ▶ Press **OK**.  
The individualization is deleted.

## System

### System settings

#### Reset function

Actuating the Reset function resets COMAND to the factory settings.

In addition, it deletes:

- SMS: All SMS messages.
- Navigation\*: All entries in the Destination memory and in the Last destination memory.

#### Reset activation

- ▶ Call up the System menu (> page 162).
- ▶ Press the **Reset** soft key. >>

## System

### System settings



A prompt appears asking if resetting the system and deleting the data is really intended.

- ▶ Use **◀** to select the menu item Yes.
- ▶ Press **OK**.

You are prompted again to confirm if you really want to reset the system and delete the data.

- ▶ Use **◀** to select the menu item Yes.
- ▶ Press **OK**.

This resets the entire system.



If you do not want to reset the system and not delete the data:

- ▶ Use **▶** to select the menu item No.
- ▶ Press **OK**.

You will exit the reset screen.

**Autostore**

Enters the stations with the best reception (signal strength) into the autostore memory in order of their reception quality (from strong to weak).

**Balance**

Volume adjustment between left and right speakers.

**Bit**

(Binary digit)  
The smallest unit of digital information.

**Bit rate**

Measurement of transmission speed. Indicates the number of ->bits transmitted per time unit.

**CD**

(Compact Disc)  
Digital storage medium in disc form.

**CD-R**

(CD Recordable)  
->CD which can be read and written but not deleted.

**CD-RW**

(CD Rewriteable)  
->CD which can be read, written and deleted.

**COMAND**

(Cockpit Management and Data System)  
Information and operating center for vehicle sound and communication systems, including the radio and CD player, as well as for other optional equipment (CD changer\*, telephone\*, satellite radio\*, navigation\*).

**Coordinates**

Indicate the geographical position on the earth's surface.

**DVD**

(Digital Versatile Disc)  
Digital storage medium in disc form for storing large volumes of data.

**Fader**

(Fader control)  
Volume control between front and rear speakers.

**Folder**

Alternative designation for directories. Data saved on a storage medium can be organized into directories for improved clarity. Can be likened to a filing cabinet containing a number of folders, each of which holds a number of documents.

**Greenwich meridian**

A specific north-south line running through Greenwich, England.

**GPS**

(Global Positioning System)  
Satellite-based system for relaying geographic location information to and from vehicles equipped with special receivers. Employs DVD digital maps for navigation.

## Glossary

### **GSM**

(Global System for Mobile Communication)  
Set of standards used for cellular communication; widely used in Europe.

### **ID3 tag**

Additional information which may be included in MP3 files (e.g. title, artist, album).

### **ISO9660**

Standard for recording data on CDs.

### **Joliet**

Standard for recording data on CDs.

### **Latitude**

One of the two -> coordinates that indicate the geographical position on the earth's surface. The latitude indicates the north-south position in relation to the equator.

### **LOGIC7®**

A 7-channel surround matrix that converts any 2-channel material into breathtaking multi-channel surround sound, creating a natural, 360-degree "enveloping" soundfield with a maximum "audio sweetspot" for all passengers.

### **Longitude**

One of the two -> coordinates that indicate the geographical position on the earth's surface. The longitude indicates the east-west position in relation to the -> Greenwich meridian.

### **MP3**

The term used in everyday speech for -> MPEG1 Audio Layer 3.

### **MPEG1 Audio Layer 3**

A means of compressing audio data.

### **Multi session**

A method for recording data, e.g. for CDs. Data is written to the CD in a number of sessions.

### **PIN**

(Personal Identification Number)  
Personal identification number, must be entered to activate the telephone.

### **POI**

(Point of Interest)  
Points of Interest include service stations, rest areas, parking lots, hospitals, sight-seeing points, etc.

### **Provider**

Service provider offering access to a mobile communication network or other services within the network.

### **PUK**

(Personal Unblocking Key)  
Personal unblocking code, must be entered if the wrong PIN was entered three consecutive times.

**Root directory**

The uppermost directory on a storage medium.

**Scan rate (MP3)**

Indicates the frequency at which voltage samples are taken during the conversion of an analog signal into a digital signal. The analog-to-digital converter converts the samples into digital signals.

**SCAN search**

Plays receivable radio stations, or CD tracks in succession, each for approx. 8 seconds.

**SIM**

(Subscriber Identity Module)  
Card provided by the GSM telephone service provider. Necessary for accessing a mobile communication network.

**SMS**

(Short Message Service)

With this function, you can receive, read and delete short text messages (if SMS service is provided by your service provider).

**Soft keys**

Keys to activate different functions, depending on the selected operating mode.

**Tele Aid**

(Telematic Alarm Identification on Demand)

The Tele Aid system consists of three types of response: automatic and manual emergency, roadside assistance and information. Tele Aid is initially activated by completing a subscriber agreement and placing an acquaintance call.

The Tele Aid system is operational provided the vehicle's battery is charged, properly connected, not damaged and cellular and GPS coverage are available.

**Telematics**

Compound word made up of the terms Telecommunication and Informatics.

**Unlock code**

Your unlock code prevents unauthorized persons from using your telephone. The unlock code is a number string, which you have to enter when switching on the telephone.

**UTC**

(Universal Time Coordinated)  
The mean sun time associated with longitude zero (world time). It functions as basis for the time zones.

**WB**

Weatherband



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