>> smart high line radio.

Supplement

Symbols

*	Optional equipment
⚠	Warning
	Environmental note
❗	Possible vehicle damage
	Tip
▶	Action required
▷ ▷	Continuation symbol
(▷ page)	Page reference

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smart high line radio 5

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Introduction

Guarantee

The smart sales organisation[1] provides a guarantee for the period of 24 months without kilometre limit for this accessory or replacement part.

Operating safety

⚠ Risk of accident

Your attention must always be focused on the traffic conditions. Only operate the radio when the traffic situation permits. Operating the radio could distract you from the traffic conditions and cause you to lose control of your vehicle. This could result in an accident.

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

⚠ Risk of accident

Always set the volume so that you remain able to hear the sounds of your environment (e.g. car horns, ambulances, police sirens etc.). You could otherwise cause an accident.

Correct use

Always observe the following when using the audio equipment:

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

⚠ Risk of accident

If work on electronic equipment or systems (e.g. the radio) and its software is carried out incorrectly, this equipment could stop functioning. The electronic systems are linked together by interfaces. Work on electronic systems may also cause systems that have not been modified to malfunction. These malfunctions could affect the operating safety of your vehicle and therefore also have a considerable effect on your safety.

Therefore, only have work on and changes to electronic components carried out at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required.

Daimler recommends that you visit a smart Centre for this purpose.

This radio receiver is suitable for operation by all persons in accordance with valid EU directives.

The device conforms to currently applicable European or harmonised national standards.

Therefore, adherence to the relevant specifications for electromagnetic compatibility is guaranteed for this device.

As a result, interference caused by your equipment to other electrical/electronic equipment, as well as interference to your equipment caused by other electrical/electronic equipment, is largely prevented.

The equipment is approved by the vehicle manufacturer in accordance with European Automotive EMC Directive 95/54/EC. Therefore, operation according to its intended purpose is approved for your vehicle. The equipment does not require certification

It complies with device-specific EMC requirements according to the following European standards:

- EN 55013
- EN 55020

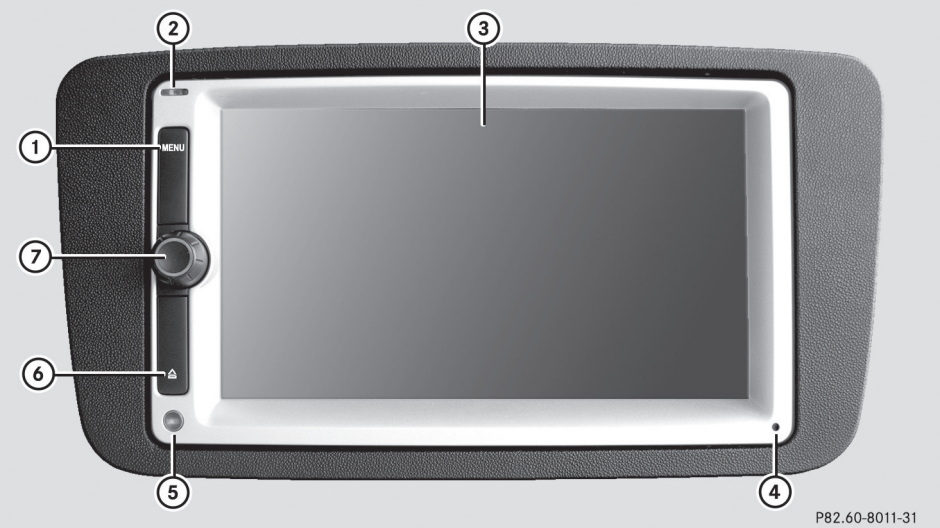
! Portable electronic devices in the car can severely impair the radio reception.

[1] The guarantor is the respective sales organisation in the country in which the accessory or replacement part was bought (see list in the service booklet).

At a glance

Operating system

Overview



	Function	Page
①	MENU button **Press briefly:** calls up the main menu **Press and hold:** calls up the "Audio settings" menu	8 8
②	LED **Blue display:** Bluetooth® device (mobile phone, audio equipment) is connected **Flashing blue display:** Bluetooth® connection is being established **No display:** no Bluetooth® device is connected	56
③	Touch screen	9

	Function	Page
④	Microphone Telephone operation Voice commands in navigation Dynamic Noise Covering	 59 51 82
⑤	Brightness sensor	19
⑥	△ button Moves the front panel up/down	 8

	Function	Page
⑦	**Briefly press** the control knob	
	• switches on the smart high line radio	14
	• mutes the audio/video source or the navigation announcement	15
	Press and hold the control knob	
	• switches the smart high line radio off	14
	Turn the control knob	
	• adjusts the volume	15

There is a reset button to the right of LED ②. If the smart high line radio is not working correctly, it can be reset and restarted. To do this, press the reset button using a pen, for example.

Moves the front panel up/down

P82.60-8012-31

	Function	Page
⑧	Disc slot • Inserts CDs/DVDs • Ejects the CD/DVD	 72 72
⑨	SD/MMC memory card slot • Loads an SD/MMC memory card • Ejects an SD/MMC memory card	 73 73
⑩	Eject button **Display lights up orange:** CD/DVD is inserted **No display** no CD/DVD inserted	72

▶ **To move the front panel down:** press button ⑥.

▶ **To move the front panel up:** press button ⑥ again.

The front panel is moved up automatically after approximately one minute.

MENU button

You can call up the main menu or the "Audio settings" menu using this button.

▶ **To call up the main menu:** press the MENU button briefly.

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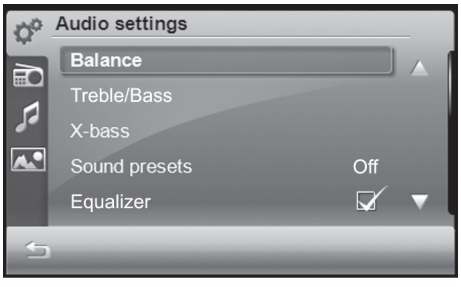
Main menu

Select the following functions from the main menu:

Selection	Step
Radio	Switches on radio mode (▷ page 65)
Music	Calls up the music main menu (▷ page 75)

Selection	Step
Video	Calls up the video main menu (▷ page 84)
Navigation	Switches on navigation mode (▷ page 24)
Telephone	Calls up the telephone menu (▷ page 63)
Extras	Calls up the picture viewer (▷ page 90) or Selecting general settings: • Audio settings (▷ page 81) • Volume settings (▷ page 17) • Screen settings (▷ page 19) • Clock settings (▷ page 20) • System settings (▷ page 21)

▶ **To call up the "Audio settings" menu:** press and hold the MENU button.



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"Audio settings" menu

The setting options for Balance, Bass/Treble and X-bass can be found in the "Sound settings" section (▷ page 16). Further setting options are described in the "Audio settings" section (▷ page 81).

Touch screen

General notes

Wearing polarised sunglasses can limit the display's legibility.

Cleaning instructions

The display must be switched off and cooled down before you start cleaning. Clean the display screen, when necessary, with a commercially available microfibre cloth and cleaning agent for TFT/LCD displays. Then, dry the surface with a dry microfibre cloth.

Do not use any alcohol-based thinners, petrol or abrasive cleaning agents. These could damage the display surface. Do not apply pressure to the display surface when cleaning it as this could cause irreversible damage.

Overview

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Radio display (example)

① Status bar

② Switches radio mode off

③ Display/selection area

④ Radio menu bar

⑤ The icon bar shows the activated functions for fast switching

The status bar ① shows the time and the current settings for radio operation.

You can switch the radio off using closing box ②.

Display/selection area ③ shows:

- the station name and the station frequency (line 1)
- the radio text as scrolling text (line 2)
- the waveband (line 3)
- the assignment of the first four memory positions (line 4)

The radio text is switched off in the standard setting. Switching radio text on/off (▷ page 71).

Radio menu bar ④ allows you to operate the different radio functions.

Icon bar ⑤ shows which other functions are currently activated, in the example these are navigation and music mode. Pressing one of the symbols switches to the relevant mode.

Important menu functions

The following illustration shows the important symbols that are shown in several menus and can be selected by pressing.

P82.60-8064-31

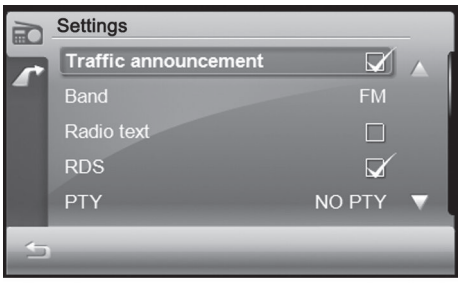
① Switches between a preset/list and the playback display
② Calls up the search menu
③ Deletes a character or an entry
④ Switches off the current operating mode
⑤ Calls up the next higher menu level
⑥ Confirms an entry
⑦ Cancels a function
⑧ Calls up the "Settings" menu

Selecting a function

You would like to call up the radio settings, for example, in the radio display.

P82.60-8065-31

▶ Press [⚙].
The "Radio settings" menu appears.
You hear a clicking sound. You can set the volume of the click (▷ page 18).



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▶ Press [⮌] to call up the radio display again.

Operation

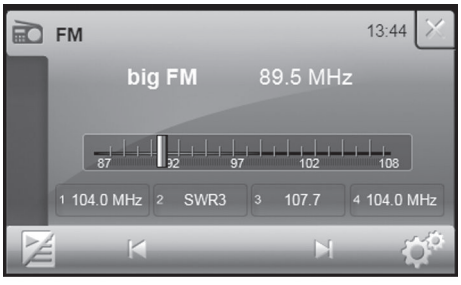
Example of operation

Initial situation

You would like to store your preferred radio station in the station preset memory.

Switching on radio mode

▶ Press Radio in the main menu (▷ page 8). The radio display appears. You will hear the current station selected.



P82.87-8044-31

Selecting a station

▶ Press [⏮] or [⏭] in the radio menu. The needle jumps left or right in the waveband and stops at the next station with adequate reception.
▶ Repeat the operation step until the desired station is selected.

Further setting options can be found in the "Selecting a station" section (▷ page 66).

Storing stations

In the example, the station "big FM" is selected and you would like to store this as preset position 1 in the station presets.

You can save your four favourite stations to the first four preset positions in this way.

▶ Press and hold preset position 1 until you hear a confirmation tone.

P82.87-8045-31

① The current station is stored as preset position 1

Further setting options can be found in the "Storing a station" section (▷ page 68).

Entering characters in navigation

Entering characters

The following sections explain character entry for the example of entering the street name Unter den Linden.

▶ Call up the "Entering a street name" menu (▷ page 29).
All letters are available in the menu.

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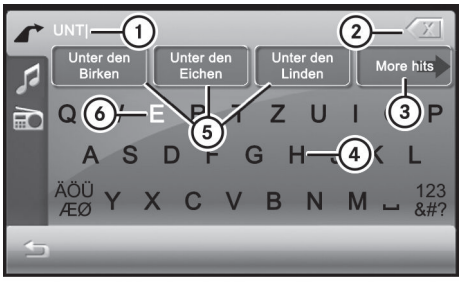
▶ Enter U, N, T.
The letters are entered in the entry line ①.



P82.60-8047-31

① Letters entered by the user UNT
② Deletes a character or an entry
③ Calls up all entries that match the current user entry
④ Characters not currently available
⑤ The first three entries that best match the current user entry
⑥ Characters currently available

First three entries ⑤, that best match the current user entry, are displayed. If the entry you were searching for is shown, you can select it.

All of the characters that have been entered so far are shown in white, letters UNT① in the example.

The characters that can be entered next are shown in white on the keyboard ⑥. The characters available depend on the entry made by the user so far and the data con-

tained on the digital map. Characters that are not available are black ④.

The More hits ③ option can be used to switch to the list.

Further entry options

▶ **To delete a character:** press symbol ②.

▶ **To delete an entry:** press symbol ② repeatedly until the entire entry has been deleted.

▶ **To select a number/special character:** press 123&#?.

▶ Select a number or special character.

▶ Press ABC to return to entering letters.

▶ **To select an umlaut:** press ÄÖÜÆØ.

▶ Select an umlaut.

▶ Press ABC to return to entering letters.

▶ **To select a keyboard:** call up the "System settings" menu (▷ page 21) and select a keyboard (▷ page 22).

You can select the following keyboard settings:

- Alphabetical
- German (German "QWERTZ" computer keyboard)
- English (UK)
- French
- Cyrillic

▶ **To exit character entry:** press ⮌.

Calling up the list of streets

▶ Press More hits
The list of streets appears and shows the section of the list that best matches the user entry so far.

▶ Press ▲ or ▼ to scroll in the list.

▶ Select the desired street.
The street is accepted.

Information about entering a destination can be found in the "Destination entry" section (▷ page 27).

Character entry in the phone book

Creating a new entry in the smart high line radio phone book

The example shows how to store a contact from the phone book in the mobile phone (▷ page 60) to the smart high line radio phone book.

▶ Select a contact from the phone book in the mobile phone and press the save symbol.
An input menu appears.

P82.60-8007-31

▶ Enter a name. Proceed as described in the "Entering characters in navigation" section (▷ page 12).

▶ Press OK and confirm the name.
The Saved message appears.

Further entry options

P82.87-8048-31

① Calls up umlauts

② Calls up numbers and special characters

▶ **To delete a character:** press symbol ☒.

▶ **To delete an entry:** press symbol ⊠ repeatedly until the entire entry has been deleted.

▶ **To select a number/special character:** press ②.

P82.87-8049-31

▶ Select a number or special character.

▶ Press AB to return to entering letters.

▶ **To select an umlaut:** press ①.

P82.87-8051-31

▶ Select an umlaut.

▶ Press AB to return to entering letters.

▶ **To select a keyboard:** call up the "System settings" menu (▷ page 21) and select a keyboard (▷ page 22).

▶ **To exit character entry:** press ⮌.

Finishing and saving an entry

▶ Press OK.

Basic functions

Safety note

⚠ **Risk of accident**

Before driving off, you should be familiar with the operation of the functions which you consider the most important. Never try out new functions while the vehicle is in motion. This will distract you from the traffic conditions and may result in an accident.

Operate the radio only in such a manner as to allow you to retain full control of your vehicle in all traffic conditions.

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

Switching the smart high line radio on/off

Switching on

▶ Press control knob briefly.
After the initial screen, either the last menu activated or a menu to enter the security code appears.

P82.60-8063-31

▶ Enter the four-digit security code and press OK.
The smart high line radio is switched on and shows the last menu activated.

ⓘ The security code is set to "0000" at the factory. It is recommended that you change the security code (▷ page 22).

You have ten attempts to enter the correct security code. If you enter an incorrect security code, an error message stating the number of attempts remaining is shown for two seconds.

If the smart high line radio was last switched off by switching the engine off, it is then switched on again when the engine is next started.

Deactivating

▶ **By switching to standby mode:** press and hold control knob.

The smart high line radio always switches to standby mode after the Good Bye message.

Standby mode is terminated after a defined time period (standby time). The device is then switched off. You can set the standby time (▷ page 22).

In standby mode, the device is ready for use quickly after being switched on again.

If the smart high line radio is operated while the engine is switched off, the device also goes into standby mode after 30 minutes. A message to this effect will be shown first.

▶ **Without switching to standby mode:** press control knob for approximately ten seconds.

Mute

Audio and video source

▶ Press control knob briefly.

The audio or video source is muted. When the sound is switched off, you will see the icon in the status bar.

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

The symbol cannot be seen on very bright areas of the screen in video mode and in the picture viewer.

Audio sources are muted automatically if you activate voice control system for the navigation (▷ page 51).

Switching Traffic Programme and navigation announcements on/off

▶ **To switch the Traffic Programme on/off:** call up the "Settings" menu in radio mode and press Traffic announcement (▷ page 70).

Depending on the previous status, the function is switched on ☑ or off ☐.

▶ **To switch off navigation announcements:** press control knob briefly during a navigation announcement.

or

▶ Switch off voice output via the "Settings" menu (▷ page 40).

▶ **To switch on navigation messages:** press on the arrow indicating the driving direction on the map during route guidance.

or

▶ Switch on voice output via the "Settings" menu (▷ page 40).

Adjusts the volume

Adjusting the volume for the audio or video source

▶ Turn the control knob.

Adjusting the volume for the traffic announcements and navigation announcements

Option 1

▶ Turn the control knob during a traffic announcement or a navigation announcements.

Option 2

▶ Adjust the volume for the traffic announcements (▷ page 15) or the audio fadeout in the "Volume settings" menu

during a traffic announcement (▷ page 15).

Adjusting the volume for phone calls

Option 1

▶ Turn ❴◎❵ the control knob during a phone call.

ⓘ The volume is set to the default value again for the next phone call.

Option 2

▶ Set in the "Volume settings" menu (▷ page 17).

Further volume settings

Further settings can be made in the "Volume settings" menu:

- Switch-on volume (▷ page 18)
- Volume of the confirmation tone (▷ page 18)
- Click volume (▷ page 18)

Adjusting the sound settings

Introduction

You can adjust the balance, treble and bass, as well as the X-bass in the "Audio settings" menu.

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

X-bass can be used to increase the bass by up to six levels for a selected frequency (32 Hz, 40 Hz, 50 Hz, 63 Hz, 80 Hz).

Adjusting the balance

▶ Call up the "Audio settings" menu (▷ page 81).

▶ Press Balance.

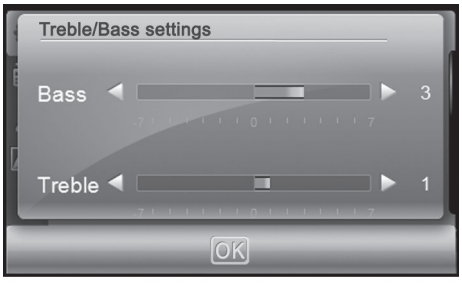
P82.60-7983-31

▶ Press ◀ or ▶ to set the sound focus point.

Setting treble and bass

▶ Call up the "Audio settings" menu (▷ page 81).

▶ Press Bass/Treble.



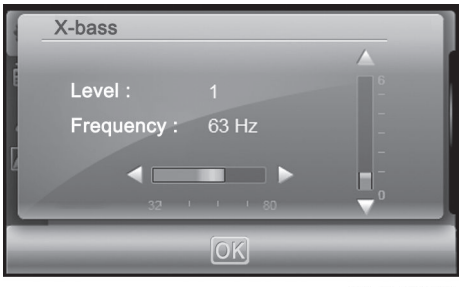
P82.60-7984-31

▶ Press ◀ or ▶ respectively to set bass and treble.

Setting X-bass

▶ Call up the "Audio settings" menu.

▶ Press X-bass.



P82.60-7985-31

▶ Press ◀ or ▶ to set the frequency.

▶ Press ▲ or ▼ to increase the X-bass by level.

▶ Press OK.
The settings are stored and you exit the menu.

General settings

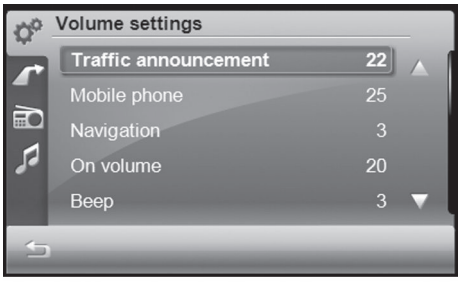
Volume settings

Calling up the "Volume settings" menu

▶ Press Extras in the main menu (▷ page 8).

▶ Press Options in the "Extras" menu.
The "General settings" menu appears.

▶ Press Volume settings.



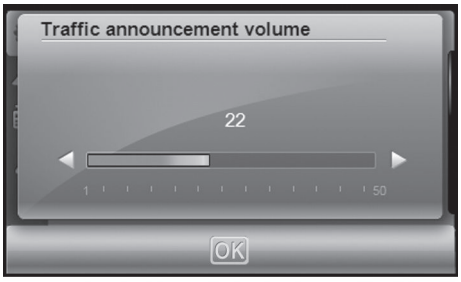
P82.60-7989-31

Adjusting the volume for traffic announcements

You can increase or decrease the volume for subsequent traffic announcements.

▶ Calling up the "Volume settings" menu
The entry on the right beside Traffic announcement shows the current setting.

▶ Press Traffic announcement in the menu.
A settings menu appears.



P82.60-7990-31

▶ Press ◀ or ▶ to adjust the volume.
You can select values between 0 (switched off) and 50 (loud).

or

▶ Turn the control knob.

▶ **To confirm the setting:** press OK.
The "Volume settings" menu appears.

Adjusting the volume for phone calls

You can adjust the volume for hands-free mode.

▶ Call up the "Volume settings" menu (▷ page 17)
The entry on the right beside Mobile phone shows the current setting.

▶ Press Mobile phone in the menu.
A settings menu appears.

▶ Press ◀ or ▶ to adjust the volume.
You can select values between 0 (switched off) and 50 (loud).

or

▶ Turn the control knob.

▶ **To confirm the setting:** press OK.
The "Volume settings" menu appears.

Audio fadeout during a navigation announcement

The volume of an audio source can be lowered during a navigation announcement.

▶ Call up the "Volume settings" menu (▷ page 17)
The entry on the right beside Navigation shows the current setting.

▶ Press Navigation in the menu.
A settings menu appears.

▶ Press ◀ or ▶ to adjust the volume fadeout. You can select values between 0 (no fadeout), 1 to 5 (light to strong fadeout) and 6 (full fadeout).

or

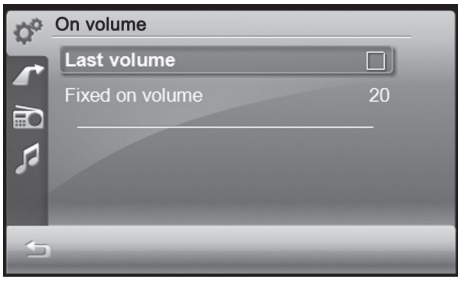
▶ Turn ⦗◎⦘ the control knob.

▶ **To confirm the setting:** press OK.
The "Volume settings" menu appears.

Adjusting the switch-on volume

▶ Call up the "Volume settings" menu (▷ page 17)
The entry on the right beside On volume shows the current setting.

▶ Press On volume in the menu.
A menu appears.



P82.60-7991-31

▶ Press Last volume.
Depending on the previous status, the function is switched on ☑ or off ☐.
When the function is switched on, the switch-on volume is the volume at which the smart high line radio was last switched off. The Last entry is on the right beside On volume in the menu.

or

▶ Press Fixed on volume.
A settings menu appears.

▶ Press ◀ or ▶ to adjust the volume. You can select values between 0 (switched off) and 50 (loud).

or

▶ Turn ⦗◎⦘ the control knob.

▶ **To confirm the setting:** press OK.
The "Volume settings" menu appears.

Adjusting the volume of the confirmation tone (beep)

Some functions, such as storing a radio station, are acknowledged with a confirmation tone. You can adjust the volume of the confirmation tone.

▶ Call up the "Volume settings" menu (▷ page 17)
The entry on the right beside Beep shows the current setting.

▶ Press Beep in the menu.
A settings menu appears.

▶ Press ◀ or ▶ to adjust the volume. You can set values between 0 (switched off) and 3 (loud).

▶ **To confirm the setting:** press OK.
The "Volume settings" menu appears.

Adjusting the click volume

Entries that you make by pressing briefly on the screen are accompanied by a tone (click). You can adjust the volume of this click.

▶ Call up the "Volume settings" menu (▷ page 17)
The entry on the right beside Click shows the current setting.

▶ Press ▼ until the Click entry appears.

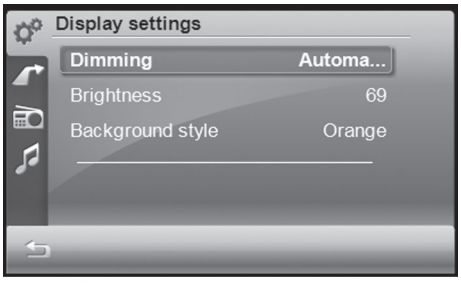
▶ Press Click.
A settings menu appears.

- Press ◀ or ▶ to adjust the volume. You can set values between 0 (switched off) and 6 (loud).
- **To confirm the setting:** press OK. The "Volume settings" menu appears.

Screen settings

Calling up the "Screen settings" menu

- Press Extras in the main menu (▷ page 8).
- Press Options in the "Extras" menu. The "General settings" menu appears.
- Press Display settings.



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Dimming the screen

The brightness set in the brightness sensor (▷ page 6), (position ⑤) of the smart high line radio affects the setting options for this function.

When you dim the screen, adjust the display lighting accordingly. You can choose between automatic or manual setting.

- Calling up the "Screen settings" menu (▷ page 19) The entry on the right beside Dimming shows the current setting.
- Select Dimming. A menu appears.
- **Automatic setting:** press Automatic first and then press ⮌. The setting is accepted and the "Screen settings" menu appears.
- **Manual setting:** press Manual. A settings menu appears.
- Press ◀ or ▶ to select a value between 0 (very dark) and 16 (bright) for the dimmer.
- Press OK. The setting is accepted.
- Press ⮌. The "Screen settings" menu appears.

Setting the brightness

- Calling up the "Screen settings" menu (▷ page 19)
- Press Brightness. The entry on the right beside Brightness shows the current setting. A settings menu appears.
- Press ◀ or ▶ to select a value for the brightness.
- Press OK. The setting is accepted.

Selecting a colour scheme

- Calling up the "Screen settings" menu (▷ page 19)
- Press Background style. The entry on the right beside Background style shows the current setting. A menu appears.
- Select the desired colour scheme.
- Press OK to confirm the selection. The display appears in the selected colour scheme.

Clock settings

Introduction

The smart high line radio sets the time automatically if it has sufficient GPS reception.

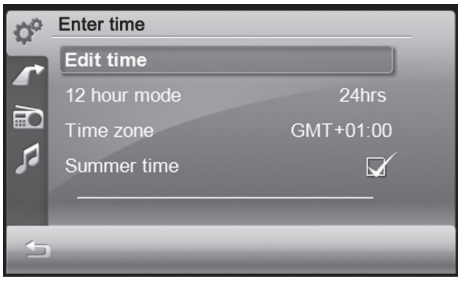
You can also set the time manually (e.g. if there is no GPS reception or the reception is insufficient). However, the time that you enter will be overwritten when there is GPS reception. The time zone and summer time settings are not changed.

Calling up the "Time entry" menu

▶ Press Extras in the main menu (▷ page 8).

▶ Press Options in the menu.
The "General settings" menu appears.

▶ Press Clock settings.



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Setting the time

The time is shown in the status bar in the radio display.

▶ Call up the "Time entry" menu (▷ page 20).

▶ Press Edit time.

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▶ Press the available numbers (shown in white) one after another.
The colon between the hours and minutes is entered automatically.

▶ Press OK.
The setting is accepted and the "Time entry" menu appears.

Setting the time format

You can set 24-hour or 12-hour (AM/PM) format.

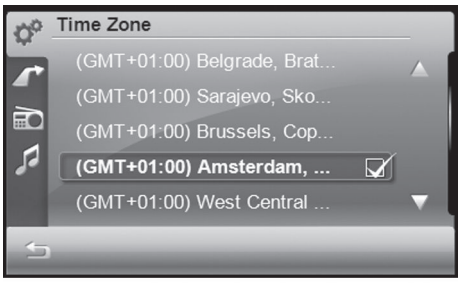
▶ Call up the "Time entry" menu (▷ page 20).
The entry on the right beside 12 hour mode shows the current setting.

▶ Press 12 hour mode.
The entry on the right beside 12 hour mode changes.

Setting the time zone

▶ Call up the "Time entry" menu (▷ page 20).
The entry on the right beside Time zone shows the current setting.

▶ Press Time zone.
A list appears for the selection of the time zone. The currently selected time zone is identified by the ☑ symbol.



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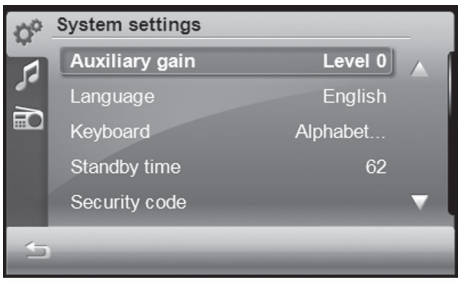

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- ▶ Press ▲ or ▼ to scroll in the list.
- ▶ Select the desired time zone.
  The ☑ symbol indicates the currently set time zone.

Setting summer time

If no summer time conversion takes place in the time zone selected, this menu item is not available.

- ▶ Call up the "Time entry" menu (▷ page 20).
- ▶ Press Summer time.
  Depending on the previous status, summer time is switched on ☑ or off ☐.

System settings

Calling up the "System settings" menu

- ▶ Press Extras in the main menu (▷ page 8).
- ▶ Press Options in the "Extras" menu.
  The "General settings" menu appears.
- ▶ Press System settings.

Increasing the volume for audio AUX

In some cases, the volume of the external audio device may be quieter or louder, or the usual maximum possible volume may be lower. On some devices, it is possible to adjust the volume separately. In this case, start at a medium volume and increase it gradually. This enables you to determine whether the system is able to play the music at high volume without distorting it.

- ▶ Call up the "System settings" menu (▷ page 21).
- ▶ Press Auxiliary gain in the menu.
  The level (level, value) on the right beside the entry changes. You can select level 0 (no volume increase), 1 or 2.

Setting the language

You can use this function to determine the language for the menu displays and the navigation announcements. The selected language affects the characters available for entry. When you set the system language, the language for the voice control system changes at the same time (▷ page 51). If the voice control system does not support this language, voice commands are not possible.

▶ Call up the "System settings" menu (▷ page 21).
The entry on the right beside Language shows the current setting.
▶ Press Language.
The list of languages appears. The currently selected language is identified by the ☑ symbol.
▶ Press ▲ or ▼ to scroll in the list.
▶ Select the desired language.
The smart high line radio loads the language and switches back to the "System settings" menu.

Selecting a keyboard

The keyboard selection affects the selection options in the input menus (keyboard layout, special character entry).

You can select the following keyboard settings:

- Alphabetical
- German (German "QWERTZ" computer keyboard)
- English (UK)
- French
- Cyrillic

▶ Call up the "System settings" menu (▷ page 21).
The entry on the right beside Keyboard shows the current setting.
▶ Press Keyboard.
A list appears.
▶ Select the desired keyboard.
The smart high line radio loads the keyboard and switches back to the "System settings" menu.

Setting the standby time

The smart high line radio uses less power in standby mode (energy-saving operating mode).

The smart high line radio switches to standby mode after it has been switched off. In this mode, the device is ready for use quickly after being switched on again.

Standby mode is terminated after a defined time period (standby time). The device is then switched off. You can set the standby time individually.

ⓘ The standby time is preset to 18 h. Setting a low standby time is recommended, for example, when the battery charge is low.

If the smart high line radio is operated while the engine is switched off, the device also goes into standby mode after 30 minutes. You will see a warning message to this effect.

▶ Call up the "System settings" menu (▷ page 21).
The entry on the right beside Standby time shows the current setting.
▶ Press Standby time in the menu.
A settings menu appears.
▶ Press ◀ or ▶ to adjust the standby time. You can select values between 1 and 24 h.
▶ Press OK.
The smart high line radio accepts the value and switches back to the "System settings" menu.

Changing the security code

Entering a four-digit security code serves to protect against theft. The security code must be entered after disconnecting the battery, for example.

The security code is set to "0000" at the factory. It is recommended that you change the security code.

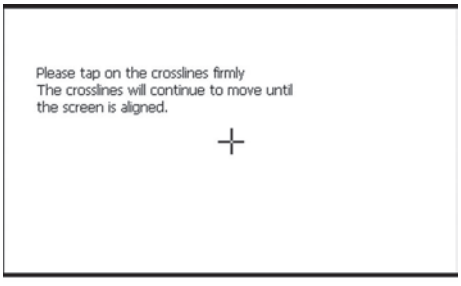
▶ Call up the "System settings" menu (▷ page 21).
▶ Press Security code.
An input menu appears for the entry of the current security code.
▶ **To enter the current (old) code:** press the numbers one after another.

▶ Press OK to confirm the entry.
An input menu appears for the entry of the new security code.
▶ **To enter the new code:** press the numbers one after another.
▶ Press OK to confirm the entry.
The Please confirm again entry prompt appears.
▶ **To confirm the new code:** enter the new code again and press OK.
The New code saved message appears.
The new security code is requested when the smart high line radio is switched on again.

Calibrating the touch screen

The touch screen is calibrated before delivery. Recalibrate it if it no longer responds precisely to your entries.

▶ Call up the "System settings" menu (▷ page 21).
▶ Press Touch calibration.
An entry prompt is shown.



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▶ Press the cross.
The cross moves across the screen.
▶ Repeat this action until the "System settings" menu appears.

Loading the factory settings

You can reset the smart high line radio to the factory settings (as-delivered state). Amongst other things, this will delete all personal data (e.g. station presets, entries in the destination memory and in the list of previous destinations in the navigation system, phone book entries). Resetting is recommended before handing over or selling the vehicle, for example.

▶ Call up the "System settings" menu (▷ page 21).
▶ Press Factory settings.
The Please confirm to load the factory settings entry prompt appears.
▶ Press OK.

To cancel the factory settings reset: press ⮌.

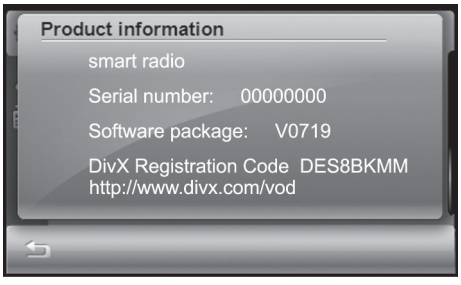
Displaying product information

Product information includes:

- the serial number
- the software package number
- the DivX registration code with the internet address (enables downloading of films in DivX format)

The serial number can be used to identify the smart high line radio unambiguously.

▶ Call up the "System settings" menu (▷ page 21).
▶ Press Product information.



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Navigation system

Introduction

Safety notes

⚠ Risk of accident

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

The device calculates the route to the destination without taking account of the following, for example:

- Traffic lights
- stop and give way signs
- Parking or stopping restrictions
- Road narrowing
- Other road and traffic rules and regulations

The device may give incorrect navigation commands if the surroundings do not correspond to the data on the digital map. For example, a route may have been diverted or the direction of a one-way street may have changed.

For this reason, you must always observe road and traffic rules and regulations during your journey. Road and traffic rules and regulations always have priority over the system's driving recommendations.

General notes

Operational readiness of the navigation system

The navigation system must determine the position of the vehicle before first use or whenever operational status is restored. Therefore, you may have to drive for a while before the position of the vehicle can be determined precisely.

GPS reception

Correct functioning of the navigation system depends, amongst other things, on GPS reception. In certain situations, GPS reception may be impaired, there may be interference or there may be no reception at all, e.g. in tunnels or multi-storey car parks.

Available/unavailable functions

Functions that are currently available are highlighted, functions that are currently unavailable are greyed out.

Switching navigation mode on/off

Switching on navigation mode

▶ **To switch on navigation mode:** press the MENU button.
The main menu appears.

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▶ Press Navigation.
You will see the navigation start screen. The Please follow traffic regulations! Do not operate any function while driving! note then appears

▶ Press OK and confirm the note.

Option 1: the Would you like to start in Easy or Expert mode? prompt appears when the navigation is switched on for the first time.

Easy mode makes the basic functions for settings, destination entry and route guidance possible.

Expert mode makes addition functions possible, such as:

- special destination entry
- alternative routes
- displaying the maximum permissible speed on the map and a warning tone if this is exceeded
- settings for traffic jam avoidance
- route plotting (GPS track)

▶ Press Easy or Expert.
The "Navigation" main menu is shown in the Easy or Expert mode. You can switch between the Easy and Expert mode (▷ page 26).

Option 2: the navigation system shows the display that was left before switching off.

"Navigation" main menu

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Example: Expert mode

Deactivating navigation mode

▶ Press ⊠ at the top right of the navigation menu.

Basic settings

Easy and Expert modes

Introduction

You can select Easy or Expert mode when switching navigation on (▷ page 24) or switch between the two modes in the "Settings" menu.

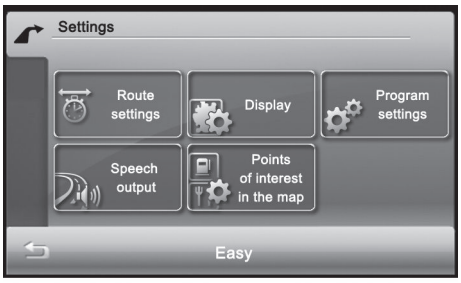
Easy/Expert mode overview

Function	Easy mode	Expert mode
"Navigation" main menu	• Entering an address • Previous towns • Favourites (destination memory)	• Entering an address • Previous towns • Favourites (destination memory) • Changing the route • Route information • Special destinations
"Settings" menu	• Route options • Display • Programme settings • Voice output	• Route options (additionally: route type, alternative routes, traffic jam avoidance) • Display (additionally: junction zoom, map colours) • Program settings (additionally: displaying the speed limit on the map, route recording) • Voice output • Special destinations on the map
Route calculation	• Standard route	• Standard route and alternative routes
Route guidance	• Route guidance functions	• Route guidance functions • Quick menu: allows fast access to six individually selectable functions • Plotting the GPS track

Setting Easy/Expert mode

▶ **Option 1:** select the mode when the Would you like to start in Easy or Expert mode? prompt is shown when switching the navigation on for the first time.

▶ **Option 2:** press the [symbol] symbol at the bottom right of the "Navigation" main menu (▷ page 25).
The "Settings" menu appears.



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"Settings" menu (example: Expert mode)

▶ Depending on the current mode, press Easy or Expert.

Setting the route options and route type

Note

The route options and route type (Expert mode) determine the route calculation.

To set route options

▶ Press Route options in the "Settings" menu.
Depending on the mode selected, the available route options are shown.

Easy mode: you can use/avoid motorways, toll roads and ferries (standard route).

Expert mode: in addition to the standard route, there are two alternative routes available for route calculation. You can use/avoid motorways, toll roads and ferries, as well as set the route type and select traffic jam avoidance.

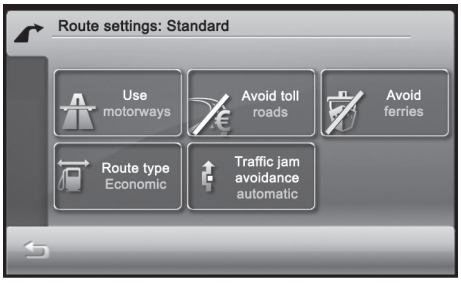
▶ **Easy mode:** press one of the route options.
Depending on the previous setting, use or avoid the route options.

▶ Press ⮌ to return to the "Settings" menu.

or

▶ **Expert mode:** press Standard, Alternative 1 or Alternative 2.
The route options appear.

▶ Press one of the route options.
Depending on the previous setting, use or avoid the route options.



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"Route options" menu (example: Expert mode)

Setting the route type (Expert mode)

▶ Press Route type.

▶ Press short, fast or economic.

▶ Press ⮌ twice to return to the "Settings" menu.

You can set the following route types:

- Short route: the device calculates a route with the shortest possible (minimised) distance.
- Fast route: the device calculates a route with the shortest possible (minimised) driving time.
- Economic route: the economical route is an optimised mix of the short and fast routes.

ⓘ Traffic jam avoidance is described in the section with the same name (▷ page 41).

Destination entry

Introduction to destination entry

⚠ **Risk of accident**

For safety reasons, only enter a new destination when the vehicle is stationary. You

▷▷

could otherwise be distracted from the traffic conditions, cause an accident and injure yourself and others.

The following destination entry options are available:

- entering a destination by address
- entering a destination as geo-coordinates
- entering a destination from the previous towns
- entering a destination from the favourites (destination memory)
- entering a destination using the map
- entering a special destination
- compiling a route with multiple destinations

Entering a destination by address

Introduction

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

- entering the country, town/postcode and house number
- entering the country, town/postcode and street
- entering the country, town/postcode, street and junction
- entering the country, town/postcode and centre
- entering the country, town/postcode and special destinations
- entering the country, town/postcode

Country and town/postcode are sufficient to start navigating. You can enter either a town or a postcode. By entering further address data such as the street and house number, you can specify the destination more precisely.

Note that you can only enter a street, house number, junction etc. once you have entered a country and a town or postcode.

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

Example: entering an address

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

Germany

Berlin

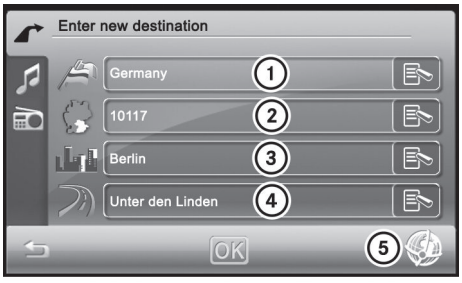
Unter den Linden/Friedrichstraße corner

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

Calling up the address entry menu

▶ Call up the "Navigation" main menu (▷ page 25).

▶ Press Enter address.
The "Entering a new destination" menu appears.



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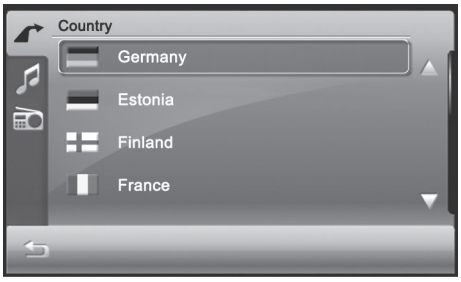
"Entering a new destination" menu

① Selecting the country
② Entering a postcode
③ Enter town
④ Entering a street name
⑤ Entering geo-coordinates (Expert mode)

Selecting the country

▶ Press the country entry in the "Entering a new destination" menu (▷ page 28), e.g. Germany.
You see the country list.



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▶ Press ▲ or ▼ to scroll in the list.

▶ Press the desired country.
The country is selected and is now entered in the "Entering a new destination" menu.

Enter town

▶ Press the town entry in the "Entering a new destination" menu (▷ page 28).
The input menu for the town appears.

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Option 1

▶ Enter B. There is a description of how to enter characters in the "Entering characters in navigation" section (▷ page 12).
As soon as the letter has been entered, the three largest towns found can be selected.

ⓘ You can set the keyboard (▷ page 22).

▶ Press 1xxxx Berlin.
You can now enter the street.

Option 2

▶ Enter B.
As soon as the letter has been entered, More hits can be selected.

▶ Press More hits
A list shows the first three largest towns that match the entry and then shows all other entries in alphabetical order. The towns are shown on the left-hand side of the map.

▶ Press Hide map to only show the list.

▶ Press Display on map to show the map and the list.

▶ Press ▲ or ▼ to scroll in the list.

▶ Press 1xxxx Berlin.
You can now enter the street.

Entering a street name

P82.60-8020-31

ⓘ The menu also appears if you press the street entry in the "Entering a new destination" menu (▷ page 28).

Option 1:

▶ Enter UNT. There is a description of how to enter characters in the "Entering

characters in navigation" section (▷ page 12).
After entering UNT, the desired street is shown in the first three entries.

▶ Press Unter den Linden.
You can now enter a house number or a junction.

Option 2

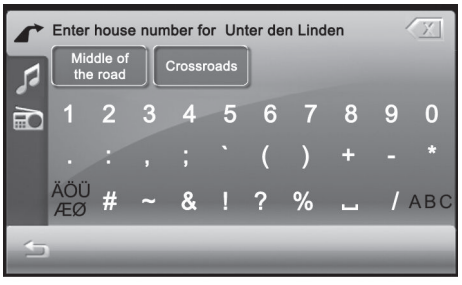
▶ Enter UNT.

▶ Press More hits and select Unter den Linden from the list.
You can now enter a house number or a junction.

Further entry options immediately after calling up the menu:

Selection	Function
Berlin Centre	Sets the destination to the town centre and calls up the "Detailed information" menu (▷ page 30).
Points of interest	▶ Enter a special destination (▷ page 35).

Enter a junction name



P82.60-8021-31

▶ Press Crossroads in the "Entering a house number" menu.
The input menu for the junction appears. The first three side streets that can be selected are shown in alphabetical order.

P82.60-8022-31

Option 1:

▶ Enter F. Instructions for entering characters using street input as an example can be found in the "Entering characters in navigation mode" section (▷ page 12).

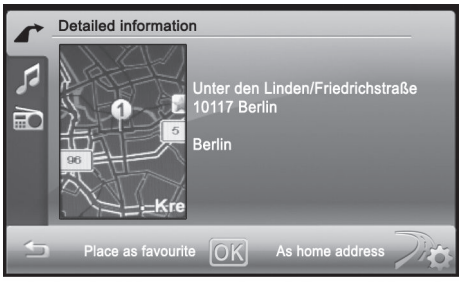
▶ Press Friedrichstraße.
The address is now complete and the "Detailed information" menu appears.

Option 2

▶ Enter F.

▶ Press More hits and select Friedrichstraße from the list.
The address is now complete and the "Detailed information" menu appears.

"Detailed information" menu



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The menu shows the address entered and the destination on the map ①.

Before calculating the route to the destination entered, you can:

- store the address as your home address (▷ page 31)
- store the address as a favourite (▷ page 45)
- view the destination on the map (▷ page 31)
- check/change the route options for the address (▷ page 31)

Entering and storing your home address

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

▶ **Option 1:** enter the address, e.g. a town, street and junction.

▶ After entering the address, press As home address in the "Detailed information" menu.
An input menu appears.

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ⓘ You can set the keyboard (▷ page 22).

▶ Enter a name for the home address.
Instructions for entering characters using street input as an example can be found in the "Entering characters in navigation mode" section (▷ page 12).

▶ Press OK.
The destination is stored as the home address in the favourites under the name entered (▷ page 46).

▶ **Option 2:** proceed as described under "Option 1".
The A favourite with this name already exists. Do you want to replace this file? message appears.

▶ Press OK if you want to overwrite the home address.

▶ **If you do not want to overwrite the home address:** press ⮌.

Viewing the destination on the map

▶ Press on the map.

▶ **To return to the "Detailed information menu":** press ⮌.

Calculating the route

Checking/changing route options

The "Detailed information" menu appears after the address has been entered. Before starting the route calculation, you can check and change the route options.

▶ Press the symbol at the bottom right of the "Detailed information" menu (▷ page 30).
The "Route options" menu appears (▷ page 27) and shows the current settings.

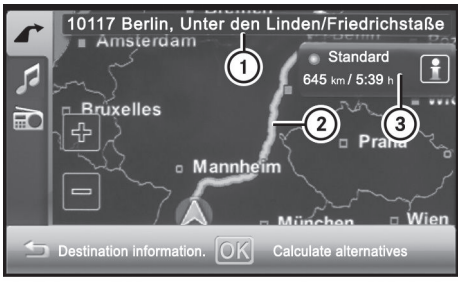
▶ Changing the route options.

▶ Press ⮌ to return to the "Detailed information" menu.

Calculating the route

▶ Press OK in the "Detailed information" menu (▷ page 30).
The route to the destination is calculated using the selected route options. After the route has been calculated, you will hear Route calculation completed.
The map shows:

- the destination address (at the top)
- the route as a blue line
- the selected route option (e.g. standard) with the distance and expected journey duration to the destination



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Map after route calculation (Expert mode)

① Address entered

② Route calculated (light blue)

③ Selected route option

Selection	Function
Destination information	Calls up the "Detailed information" menu. ▶ Store the town as a favourite or as the home address (▷ page 30). ▶ Check/change the route options (▷ page 31).
Calculate alternatives (Expert mode)	Calculates two additional alternative routes.

Calculating alternative routes

The smart high line radio calculates two alternative routes in Expert mode (e.g. short, fast).

▶ Press Calculate alternatives.
The alternative routes are calculated. After the alternative routes have been calculated, you will hear Route calculation completed.
The map shows the following routes on the right:

- standard (light blue)
- alternative 1 (green)
- alternative 2 (light brown)

each with the distance and expected journey time to the destination.

▶ **To view information about the route/ alternative route ③:** press i.
You see the following information:

- length (distance)
- journey time (expected)
- arrival time (expected)
- motorways (length of the route used)
- toll roads (length of the route used)
- ferries (length of the route used)

▶ Press ⮌ to close the display.

The i symbol is shown in red if a route option (e.g. Avoid ferries) that has been selected for the route does not make sense. Set the route options (▷ page 27).

▶ **To hide the alternative routes:** press Hide alternatives.

▶ **To start route guidance:** press OK.

Entering a postcode

▶ Press the entry with the postcode in the "Entering a new destination" menu (▷ page 28).
The input menu for the postcode appears.

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Option 1

▶ Enter a postcode, e.g. 10117. Instructions for entering characters can be

found in the "Entering characters in navigation mode" section (▷ page 12).
As soon as the first number has been entered, the first three towns found can be selected.

▶ Press 10117 Berlin.
You can now enter the street.

Option 2

▶ Enter the first number, e.g. 1.
As soon as the number has been entered, More hits can be selected.

▶ Press More hits
A list shows the three largest towns that match the entry and then shows all other entries in alphabetical order. The towns are shown on the left-hand side of the map.

▶ Press Hide map to only show the list.

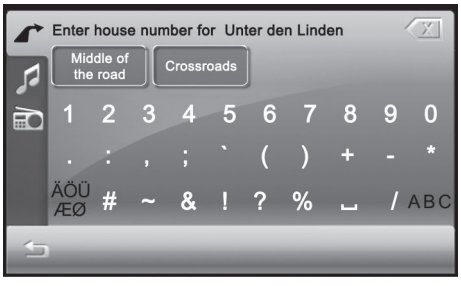
▶ Press Display on map to show the map and the list.

▶ Press ▲ or ▼ to scroll in the list.

▶ Press 1xxxx Berlin.
You can now enter the street.

Enter house number

A house number can be entered after the street has been entered.



P82.60-8021-31

▶ Enter a house number, e.g. 40. Instructions for entering characters can be found in the "Entering characters in navigation mode" section (▷ page 12).
As soon as the first number has been entered, the first three entries found can be selected.

▶ Press 40.
The "Detailed information" menu appears (▷ page 30).

Further entry options immediately after calling up the menu:

Selection	Function
Middle of the road	Sets the destination to the middle of the road and calls up the "Detailed information" menu (▷ page 30).
Crossroads	Calls up a list from which you can select an entry. The "Detailed information" menu then appears.
	▶ Enter a junction (▷ page 30).

Entering geo-coordinates (expert mode)

▶ Press the globe at the bottom right of the "Entering a new destination" menu (▷ page 28).
The "Enter coordinates" menu appears. You can enter the geo-coordinates as degrees or decimal notation.

P82.60-8027-31

▶ Enter the geo-coordinates. There is a description of how to enter characters in

the "Entering characters in navigation" section (▷ page 12). An example entry is shown in the table.

▶ **To switch to decimal notation:** press decimal notation.

▶ **To switch to degree notation:** press degree notation.

Notation	Example input (Berlin)
Degree notation	
• Latitude	N 52° 33' 40", 00 (N latitude)
• Longitude	E 13° 17' 22", 00 (E longitude)
Decimal notation	
• Latitude	52.561111
• Longitude	13.289444

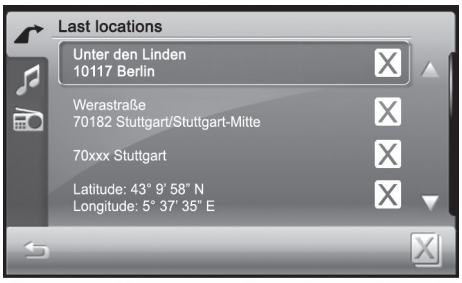
▶ **To confirm the entry:** press OK.
The "Detailed information" menu appears (▷ page 30).

Selecting a destination from "Previous towns"

The smart high line radio automatically stores the last destinations entered.

▶ Press Last locations in the "Navigation" main menu (▷ page 25).
The "Last locations" destination memory appears.

Expert mode: the first three entries from the "Last locations" memory are shown at the top of the "navigation" main menu. These can be selected for fast destination entry.



P82.60-8036-31

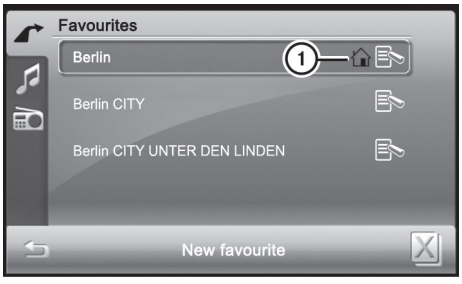
▶ Press ▲ or ▼ to scroll in the list.

▶ Press a destination address.
The "Detailed information" menu appears (▷ page 30).

You will find further information in the "Last locations" section (▷ page 45).

Selecting a destination from favourites

▶ Press Favourites in the "Navigation" main menu (▷ page 25).
The "Favourites" destination memory appears. Your home address ① is also stored here.



P82.60-8035-31

① Home address symbol

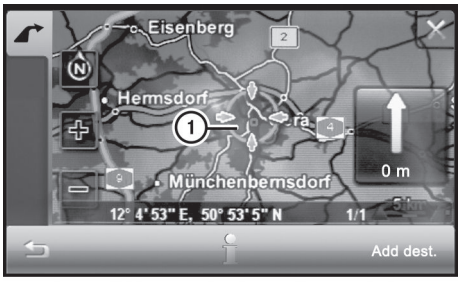
▶ Press ▲ or ▼ to scroll in the list.

▶ Press a destination address.
The "Detailed information" menu appears (▷ page 30).

Further information, e.g. about storing, can be found in the "Favourites (destination memory)" section (▷ page 45).

Entering the destination on the map

▶ Press the map when it is displayed.
A light blue circle appears on the map. If there are destinations available for this town, these are shown as an address or as geo-coordinates. If further destination information is available, the specification"1/3" and the symbols ▲, ▼ are shown after the entry.



P82.60-8028-31

① A circle marks the destination on the map

▶ **To call up further destination information (if available):** press ▲ or ▼.

▶ **To display an address:** press i.

▶ **To move the destination on the map:** press on the crosshair and move it on the map.

▶ **To select a destination:** press Add dest..
The "Detailed information" menu appears (▷ page 30).

Entering a special destination (Expert mode)

Initiating special destination entry

▶ Setting Expert mode (▷ page 26).

▶ Press Points of interest in the "Navigation" main menu (option 1), (▷ page 25) or in the "Entering a street" menu (option 2).
The "All special destinations" menu appears. You can display all special destinations or search for special destinations within a category, e.g. Leisure and sport.

P82.60-8029-31

Option 1: calling up from the "Navigation" main menu

▶ Press All points of interest or select a category first (▷ page 37).
A menu appears.

P82.60-8030-31

Searching for a special destination in the "Sport arena" category

Selection	Action
At a specific location	▶ Enter a town or press Display all special destinations. Depending on the selection, an input menu or a list appears. ▶ Enter a special destination and press Display selection. ▶ Select a special destination from the list. The "Detailed information" menu appears (▷ page 30).
Nearby	▶ Enter a destination or press Display all special destinations. Depending on the selection, an input menu or a list appears. ▶ Enter a special destination and press Display selection. ▶ Select a special destination from the list. The "Detailed information" menu appears (▷ page 30).
Along the Route (available when the route has been calculated)	▶ Proceed as described under Nearby.
At destination (available when the route has been calculated)	▶ Proceed as described under Nearby.

Option 2: calling up from the "Enter a street" menu

▶ Press All special destinations or select a category first (▷ page 37).
The "Entering a special destination in <Town>" menu appears.

▶ **Option 1:** enter a special destination and press Display selection.

▶ **Option 2:** press All special destinations.
The special destinations are displayed and shown on the left of the map.

▶ Selecting a special destination.
The "Detailed information" menu appears (▷ page 30). You can call up a special destination if a telephone number is stored and the mobile phone has been connected (▷ page 55).

ⓘ The phone number displayed may be outdated due to the database.

▶ Press Call now.
This initiates dialling.

Selecting a category

Example: you would like to go to an Indian restaurant.

▶ Press Hotel & gastronomy in the "All special destinations" menu (▷ page 35).
The "Hotel & gastronomy" menu shows the available categories.

▶ Press Restaurant/Nightlife.
The "Restaurant/bar" menu shows the available categories.

▶ Press ▲ or ▼ until Indian is selected.

▶ Press Indian.
Either the "Searching for a special destination" menu (option 1), (▷ page 36) or the "Entering a special destination in <Town>" menu (option 2) appears.

▶ Proceed as described under option 1 or 2.

Route guidance

General notes

The smart high line radio guides you to your destination by means of navigation commands in the form of audible navigation announcements and route guidance displays.

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

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

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

If the digital map provides no information or incomplete information during route guidance, the current vehicle position is shown using geo-coordinates.

This occurs in the following situations, e.g.:

- the vehicle is outside of the area covered by the digital map section (off-map location).
- the vehicle is travelling through an area that is only partially shown on the map.
- the vehicle is within the area covered by the digital map section but not on a digital road (off-road location).

Starting route guidance

▶ Calculate a route or alternative route (▷ page 31) and then press OK.
Route guidance starts.

Displaying the map during route guidance

P82.60-8031-31

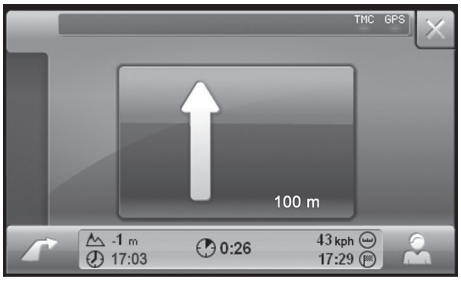
Map during route guidance (example)

Function	Explanation
Route guidance display with arrow indicating the direction of travel (example shows an arrow pointing straight ahead and a distance of 100 m)	The upcoming change of direction is shown with an arrow indicating the direction of travel and the distance. The route guidance display can also be seen in other operating modes, e.g. radio mode. ▶ **To repeat the current navigation announcement:** press on the route guidance display.
Auto zoom	As you approach a change in direction, the area of the junction is zoomed in on the map. In Expert mode, you can set how much the map section is zoomed in (▷ page 48).
Lane recommendations	Lane recommendations may be shown for multi-lane roads. The relevant data must be available on the digital map. Recommended lanes are shown with a green arrow, lanes that are not recommended are shown with a red cross. Lane recommendations apply to the next change of direction.
Current map scale	Appears under the route guidance display.
Map view	Enables different map orientations (▷ page 48).
Setting the map scale	▶ Zoom in on the map section using [+] or zoom out using [−]. ▶ Press [⮌] to return to the original auto zoom view.

Function	Explanation
Speed Limit Assist (Expert mode)	The maximum permissible speed is shown when the corresponding map data is available and the Speed limit function is not deactivated (▷ page 50). A warning tone sounds if the maximum permissible speed is exceeded and one of the Warning at x km/h settings is activated. ⓘ The maximum permissible speed display may differ from the actual traffic situation, e.g. as a result of incorrect map data.
TMC and GPS display	**Blue** display: reception **Red** display: no reception
Destination information	The current height above average sea level is shown at the bottom edge of the screen. For the next destination (intermediate stop, final destination), you will also see: • the estimated driving time to the destination • the distance to the destination • the expected arrival time at the destination ▶ Press on the field with the destination information to display the "Trip info" display with additional information (▷ page 42).
Displaying special destination symbols	Special destinations are Restaurant/Nightlife or Petrol station, for example. The corresponding symbols can be displayed on the map (▷ page 50).

Selecting a route guidance display

You can choose between the Map only, Turn Icons or Compass display, see the "Display" section (▷ page 47).



P82.60-8161-31

"Turn Icons" display (example)

If Turn Icons has been selected, the arrow indicating the direction of travel is shown with the distance display until the next change of direction.

P82.60-8160-31

Compass display (example)

You see the following information:

- current direction of travel
- latitude coordinates
- longitude coordinates
- current height above mean sea level
- number of satellites currently being used

The bar underneath shows the following information:

- current height above mean sea level
- current time (if route guidance is not active) or remaining journey time to next destination (intermediate stop, final destination)
- remaining distance to next destination (intermediate stop, final destination)
- expected arrival time at next destination (intermediate stop, final destination)

▶ **To close the compass display:** press ⮌.

Stopping route guidance

▶ Press Stop route guidance in the "Navigation" main menu (▷ page 25).
Route guidance is interrupted.

Destination reached

When you reach your destination, a chequered flag is displayed on the right-hand side of the display and route guidance is ended automatically.

Navigation announcements

Switching navigation announcements on/off

Option 1

▶ **To switch off:** press control knob briefly during a navigation announcement.

▶ **To switch on:** press the arrow indicating the direction of travel on the map (▷ page 38).
The current navigation announcement is repeated.

ⓘ Navigation announcements are muted in the event of a traffic announcement, an incoming call or during a phone call.

Option 2

▶ Press the arrow at the bottom left of the map (▷ page 38).
The "Navigation" main menu appears.

▶ Press ⚙.
The "Settings" menu appears.

▶ Press Speech output.
The "Speech output" menu appears.

▶ Press Speech output again.
Depending on the previous setting, the functions are deactivated or activated.

Announcing street names

▶ Press the arrow at the bottom left of the map (▷ page 38).
The "Navigation" main menu appears.

▶ Press ⚙.
The "Settings" menu appears.

▶ Press Speech output.
The "Speech output" menu appears.

▶ Press Street names.
Depending on the previous setting, the function is deactivated or activated.

Adjusting the volume for navigation announcements

▶ Turn ⟨◎⟩ the control knob during a traffic announcement.

or

▶ Set the volume of traffic announcements compared to the volume of the active audio source (▷ page 15).
The volume of the active audio source is lowered to the selected value for the duration of the navigation announcement.

Selecting traffic jam avoidance (Expert mode)

▶ Press the arrow at the bottom left of the map (▷ page 38).
The "Navigation" main menu appears.

▶ Press Route options.
The "Route options" menu appears. The by pass option shows the current setting.

▶ Press by pass.
A menu appears.

▶ Press none, manual or automatic.

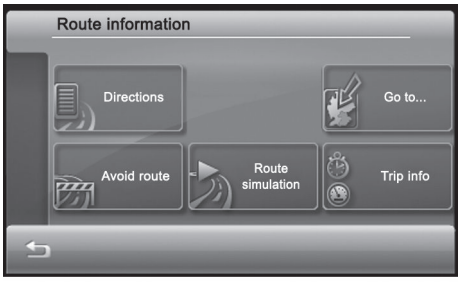
Selection	Explanation
none	Traffic jams are not taken into account for route guidance.
manual	The selected traffic jam section and additional information are shown on the map. However, no new route is calculated.
automatic	The smart high line radio calculates a detour if TMC traffic announcements are received. ⓘ In Easy mode, the standard setting is automatic.

Route information (Expert mode)

Calling up the "Route information" menu

▶ Press the arrow at the bottom left of the map (▷ page 38).
The "Navigation" main menu appears.

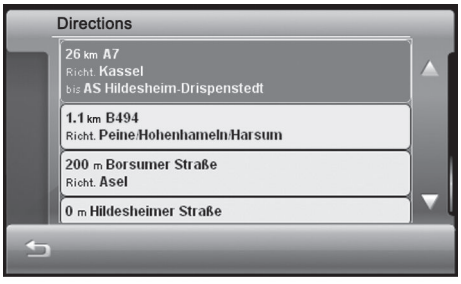
▶ Press Route information.
The "Route information" menu appears.



P82.60-8157-31

Calling up a route list

▶ Press Directions in the "Route information" menu.
The route list shows the street sections to be driven on.



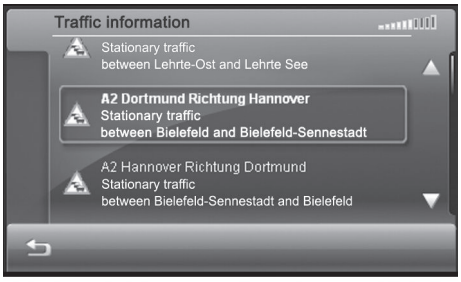
P82.60-8158-31

▶ Press ▲ or ▼ to scroll in the list.

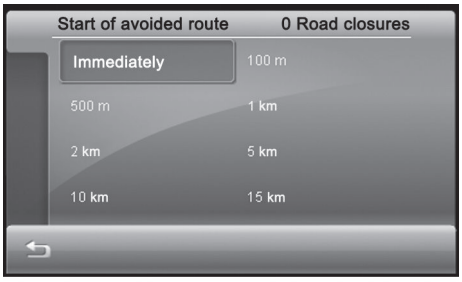
▶ **To close the route list:** press ⮌.

Checking the traffic conditions

▶ Press Traffic information in the "Route information" menu.
The list shows the current TMC traffic announcements. Traffic announcements with a red symbol affect the current route, traffic announcements with a grey symbol apply to other sections of road.



P82.60-8162-31



P82.60-8159-31

The list can be displayed by clicking on the TMC symbol on the top right-hand side of the display (▷ page 38). The display does not depend on the RDS TMC radio station currently playing.

▶ **To close the list:** press [↩].

Setting the map to a route position

▶ Press Go to... in the "Route options" menu (▷ page 41).
A menu appears.

▶ Press Current position, Destination area, Overview or Starting point.
The map shows the route section with the selected route position or a complete overview of the route.

Blocking a section of the route

It is possible to block more than one route section. The number of active blocks can be seen in the "Length of block" and "Start of block" lists at the top right.

▶ Press Avoid route in the "Route information" menu (▷ page 41).
The "Length of block" list appears.

▶ Press a selection option, e.g. 5 km, to select the extension of the block.
The "Start of block" list appears.

▶ Press Immediately or another selection option to determine when the block should start.
The route section is blocked. The route is recalculated.

▶ **To delete blocks:** Press ☒ at the bottom right in the "Length of block" list.

Starting route simulation

▶ Press Simulation mode in the "Route information" menu (▷ page 41).
The route is shown from the start (or previous position) to the destination.

Displaying trip info

▶ Press Trip info in the "Route information" menu (▷ page 41).
You see the following information:

- Maximum speed
- Average speed
- distance covered
- driving time
- total remaining driving time
- total remaining journey distance

The bar underneath shows the following information:

- current height above sea level
- current time (if route guidance is not active) or remaining journey time to next destination (intermediate stop, final destination)

- remaining distance to next destination (intermediate stop, final destination)
- expected arrival time at next destination (intermediate stop, final destination)

▶ **To close trip info:** press [↩].

ⓘ The information can also be shown by pressing the field with the destination information at the bottom of the map (▷ page 38).

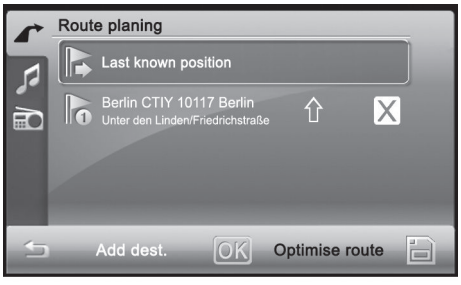
Editing a route

Introduction

You can add additional destinations to the route, optimise route guidance or change the order of the destinations.

▶ Press the arrow at the bottom left of the map (▷ page 38).
The "Navigation" main menu appears.

▶ Press Edit route.
The "Edit route" menu appears.



P82.60-8032-31

The following functions can be selected:

- adding a destination
- optimising a route (available with four or more destination entries)
- changing the order of the destinations within the route
- loading/saving a route

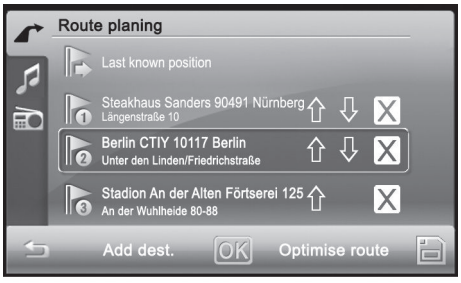
adding a destination

▶ Press Alternative route.
The "New destination" menu appears.

▶ Select destination entry.

Entering an address (▷ page 28)
Previous towns (▷ page 34)
Current position (if available)
Special destinations (▷ page 35) ▶ Select option 1.

▶ Press OK in the "Detailed information" menu (▷ page 30).
The destination is entered in the "Editing the route" menu.



P82.60-8042-31

▶ **To calculate a new route:** press OK.

Optimising a route

This function is available when there are four or more entries (including the starting point and the destination).

▶ Press optimise route in the "Editing a route" menu.
The order of the destinations is checked and the route is optimised according to the distance. The route's starting point and destination are not changed.

Changing the order of the destinations within the route

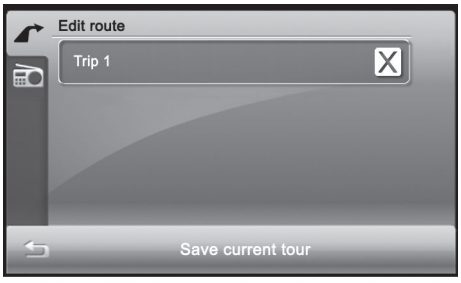
▶ Press the up or down arrow in the "Editing a route" menu.
The destination is moved up or down.

Deleting a destination from the route

▶ Press ⊠ after an entry in the "Editing a route" menu.
The destination is deleted from the route.

Loading/saving a route

▶ Press on the memory card symbol in the "Editing a route" menu (▷ page 43).
The "Loading and saving a route" menu appears.



P82.60-8041-31

▶ **Saving a route:** Press Save current tour.
An input menu appears.

▶ Enter a name for the route and then press OK.
The route is stored.

▶ **To load a route:** press an entry.
The route is loaded.

▶ **To delete a route:** press ⊠ after an entry.

Plotting the GPS track (Expert mode)

If this function is activated and an SD/MMC memory card has been inserted (▷ page 73), the route taken is plotted. The route is saved as a GPX file in the "GPS tracks" folder on the SD/MMC memory card. You can view the route later, in Google Earth for example.

Feature specific to simultaneous playback of SD/MMC memory cards or USB devices:

- Playback may be interrupted occasionally.
- After switching the smart high line radio off and on again, the first music track on the data medium is played.

▶ Press the ⚙ symbol in the main menu (▷ page 25).
The "Settings" menu appears.

▶ Press Programme settings.
The "Programme settings" menu appears.

▶ Press Plot GPS track.
Depending on the previous setting, the function is activated or deactivated.
Plotting the GPS track is started after you have activated the setting.

Quick menu (Expert mode)

Calling up the Quick menu

The Quick menu enables fast access to six frequently used functions during route guidance. You can personalise these six functions.

▶ Press the symbol at the bottom right of the map.
The Quick menu appears and shows the functions that are currently available.

P82.60-8033-31

Editing the Quick menu

▶ Press the symbol at the bottom right of the menu.
The "Quick menu" menu appears with the Which key would you like to change? prompt.

▶ Press a key.
The "Changing a key" menu appears.

▶ Press on one of the following functions:
- Select destination
- Points of interest
- Route information
- Settings
- Other views

Depending on the selection, the available keys are shown.

▶ Select a key.
The Quick menu appears and shows the new key assignment.

P82.60-8034-31

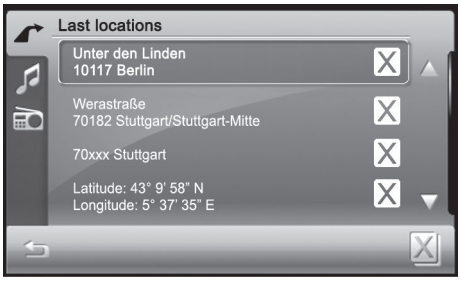
Previous towns

Introduction

The smart high line radio automatically stores the previous towns for which route calculation was started. If the list is full, the device deletes the oldest destination. You can also delete destinations yourself.

Deleting all destinations

▶ Press Last locations in the "Navigation" main menu (▷ page 25).
The "Previous towns" list appears.



P82.60-8036-31

▶ Press ☒ on the bottom right.
A query appears.

▶ Press OK.
All destinations are deleted from the "Previous towns" list.

Deleting a destination

▶ Press ☒ after an entry in the "Previous towns" list.
A query appears.

▶ Press OK.
The destination is deleted from the "Previous towns" list.

Favourites (destination memory)

Storing your home address

▶ Enter your home address as a destination, e.g. as a town, street and house number (▷ page 28).

▶ Before route calculation is started, press as home address in the "Detailed information" menu and store the address (▷ page 30).

Saving a destination to your favourites

Option 1: after destination entry

▶ Enter the destination, e.g. as a town, street and house number.

▶ Before route calculation is started, press Place as favourite in the "Detailed information" menu.