Operation Guide GB

Manual de usuario E

Manual de instruções P

Contents

Safety instructions 7
Information regarding general road safety 8
Overview of controls Traffic Pro 9
Overview of controls Traffic Pro with *Bluetooth*® 10
General operation 11
Menu basics 11
Fast access function 11
Main menu 11
Status display 12
Options menu 12
How to use the menus 12
Data entry menus 13
Anti-theft device 14
Entering unit code numbers 14
What to do if an incorrect code number has been entered *14*
Removing/Inserting the control panel 15
Removal *15*
Insertion *16*
Inserting/Removing the cover 16
Inserting the cover *16*
Removing the cover *16*
Switching the unit on/off 17
Switching on 17
Switching off 17
Setting the volume 18
Sound settings 18
Calling up the sound settings 18
Setting the equalizer 19
Defining the equalizer setting *19*
Setting balance and fader 20
Balance setting *20*
Fader setting *20*
Switching loudness on/off 20
Becker Surround 21
Subwoofer 21
Crossover 21
Reset settings 22
Mute 22
Navigation mode 24
What is navigation? 24
Navigation CDs 24
Selecting navigation 26
Calling up the Navigation main menu 26
Entering a destination 27
Selecting a country 28
Entering a destination town 28
Selecting destination via postcode 29
Entering the destination road 30
Entering the destination town centre 31
Entering house number for destination road 32
Selecting junction for destination road 32
Setting the route options 33
Saving/Deleting route options *34*
Saving a destination 34
Navigation fast access 35
Navigating from fast access 35
Protecting an entry 35
Deleting an entry 36
Deleting a list 36
Saving an entry in the address book 36
Creating a new entry *37*
Adding data to entries *37*
Selecting a destination from the address book 38
Point of interest 39
Local 40
In country 40
Local area of destination 41
In place 41
Information about points of interest 42
During route guidance 43
Navigation status screen 43
Example navigation displays 44
Options menu 45
Cancelling route guidance *46*
Traffic announcements *47*
Route list *47*
Stopover *47*
Blocking a route *49*
Modifying route options *49*
Switching navigation announcements on/off *50*

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Information during route guidance 50
Displaying destination information 50
Displaying/Storing position 51
Displaying traffic announcements 51
Displaying/Changing route settings 52
Information during non-active route guidance 52
Displaying/Storing a position 52
Displaying TMC messages 52
Dynamic route guidance with TMC 52
What is dynamic route guidance? 52
Dynamic route guidance 53
Displaying traffic information 54
Settings 55
Traffic announcements 55
Announcing the time of arrival 56
ETA setting 56
Measuring unit 57

Radio mode 58
Switching on radio mode 58
Calling up the Radio main menu 58
Selecting a waveband 59
FM mode 60
Possible settings for FM stations 60
Station list 60
Scan function 61
Manual station tuning 62
Filter function 62
Switching the filter function on/off 62
Filtering stations 63
Filtering stations 63
Cancel filtering 63
Programme type 64
Switching the programme type function on/off 64
Selecting the programme type 64
Regionalisation 65
Radio text 65
Voice entries 66
Reception optimisation 66
Bandwidth control 67
Traffic programme 67
Switching a traffic programme on/off 68
Selecting a TP station 68
Automatic 68
Manual TP station selection 68
TP volume 69
Cancelling traffic announcements 69
AM mode 69
Possible settings for AM stations 69
Scan search 70
Scan function 70
Station memory 71
Calling up the station memory 71
Storing stations 71
Different waveband set 71
Station already in memory 72
Moving stations 72
Deleting stations 73
Naming stations 73
Creating/Deleting voice entries 74
Create 74
Deleting 74
Reading out voice entries 74

Media mode 75
Activating media mode 75
Media fast access functions 75
Media status display 76
Track jump/Track skip 77
Fast forward/rewind 77
Play mode 78
Calling up the Play Mode menu 78
Track mix (random play function) 78
Scan 79
Repeat track 79
CD mix 79
Repeat CD 80
Directory mix 80
Calling up the Media main menu 80
Switching detailed track display on/off 81
CD mode 81
Notes on compact discs (CD) 81
Inserting/Ejecting CDs 82
Notes on CD-R and CD-RWs 82
Notes on copy-protected CDs 82
Temperature protection circuit 82

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Contents

MP3 mode 83
General notes on MP3 83
Creating an MP3 storage medium 83
MP3 CD mode 84
MP3 memory cards/ Micro-drive mode 84
Inserting a micro-drive/ memory card *85*
Removing a micro-drive/ memory card *85*
CD changer mode 86
Operational readiness of CD changer 86
Loading/Ejecting the CD magazine 86
External units/AUX mode 86

Telephone mode 87
Calling up the telephone 88
Bluetooth not yet switched on *88*
Bluetooth mobile phone not yet connected *88*
Calling up the Telephone main menu 89
Dialling numbers 90
Selecting a number from the address book 91
Call lists 92
Calling a number from the list *93*
Retrieving information about the entry *93*
Deleting a call list *93*
Emergency call 93
Settings 94
Automatic call answering *94*
Dialogue with call *94*
Telephone calls 95
Status display 95
Accepting/ rejecting a call 95
Accepting a call *95*
Rejecting a call *96*
Ending a call 96
Options menu 96
End call *97*
DTMF *97*
Private *97*
Fast access telephone functions 98
Direct calling 98
Protecting an entry 99
Deleting an entry 99
Deleting a list 99
Saving a number in the address book 100
Creating a new entry *100*
Adding data to entries *101*

Address book 102
Calling up the address book 102
Calling up the Address Book main menu 102
Creating an entry 102
Creating an entry which supports navigation 104
Find entry 105
Setting the search criterion 106
Editing entries 107
Modifying an entry 107
Deleting an entry 108
Creating/Deleting voice entries 108
Create *108*
Delete *109*
Reading out voice entries 109
Exporting an address book* 109
Exporting an address book entry* 110
Importing an address book entry* 110
Navigating to an address book entry 112
Voice entries 112
Calling an address book entry* 113
Fast access functions 113
Protecting an entry 113
Deleting an entry 114
Deleting a list 114

Settings 115
Calling up general settings 115
Bluetooth* 115
Opening the device list* 115
*Always allow connection** *116*
*Name device** *117*
*Deleting a device from the list** *117

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Connecting and disconnecting devices* 117
Connecting devices (Traffic Pro BT) 118*
Connecting a device (external device) 119*
Disconnecting devices 121*
Calling up Bluetooth settings* 121
Activating/ deactivating Bluetooth 122*
Searching for Bluetooth devices 122*
Making devices visible to others 123*
Device name 123*
Voice mode 123
Calling up voice mode settings 123
Setting the system language 124
Displaying voice settings 125
Volume for voice output 125
Automatic dialogue 126
Voice entries 126
Voice output 126
Extended PTT 127
Repeating a voice announcement 127
System settings 128
Calling up the system settings 129
Audio 129
GAL (speed dependent volume) 129
Settings for left-hand/ right-hand drive vehicles 129
Volume for acoustic signals 130
Displaying the volume 130
Digital level 130
External device 131
Display brightness 131
Day/ night design 131
Reset function 132
Direction of rotation of the rotary control/push button 132
Clock 133
Software update 133
Voice mode 135
What is voice mode? 135
Symbols 135
General information about the voice control system 136
Activating the voice control system 136
Ending voice dialogue prematurely 137
Voice entries 137
Settings 138
Examples for a voice dialogue 138
Example operation in radio mode 139
Example for entering a navigation destination 140
Example for entering a telephone number* 142
General commands 142
Help function (online help) 143
Aborting voice dialogue 143
Navigation in lists 143
Calling up the status display 143
Commands for status displays, fast access functions and main menus 144
Commands for radio mode 145
Commands for the radio status display 145
Commands for radio fast access mode 147
Commands in the Edit Station menu 148
Commands for the Radio main menu 149
Commands in the Waveband menu 150
Commands in the Programme Type menu 151
Commands in the Filter menu 151
Commands in the TP menu 152
Commands in the Voice Entries menu 152
Commands in the Reception Optimisation menu 153
Commands for media mode 153
Commands for the media status display 154
Commands for media fast access 155
Commands for the Media main menu 156
Commands for the media Play Mode menu 156

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Contents

Navigation commands 157
Correction option for incorrect destination entry 157
Commands for the navigation status display 158
Commands for navigation fast access 159
Commands in the Fast Access/ Edit Destinations menu 160
Commands for the Navigation main menu 160
Commands for the Destination menu 161
Commands for the POI menu 162
POI categories (page 39) 163
Commands for the Route Options menu 163
Commands for the Stopover menu 164
Prompt: Is the new destination a main destination or a stopover? 165
Commands for telephone mode* 165
Commands for telephone fast access mode* 165
Commands in the Fast Access/ Edit Telephone Numbers menu 167*
Commands for the Telephone main menu* 167
Commands in the input menu for telephone numbers 168*
Commands in the Call Lists menu 168*
Commands in the call lists 169*
Commands in the Settings menu 170*
Commands for the address book 170
Commands for address book fast access 170
Commands in the Fast Access/Edit Entries menu 173
Commands in the Edit menu 173
Commands in the Edit Data menu 174
Commands in the menu for selecting a Bluetooth device for export 174*
Commands when an entry is open 174
Commands for the Address Book main menu 174
Commands in the Voice Entries menu 175
Commands in the Search Criterion menu 176
Technical terminology 177
Technical data 188
NOTICE 189

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Safety instructions

Operation of the unit is permitted only if traffic conditions are suitable and you are absolutely sure that you, your passengers or other motorists are not endangered, obstructed or inconvenienced.

In all cases, all applicable road traffic regulations must be obeyed. Destinations may only be entered when the vehicle is stationary.

The country-specific regulations apply for telephone operations.

The navigation system is only an aid. Errors may occur in individual data items/entries. At all times, the driver must decide whether or not to heed the information provided. We do not accept liability for erroneous data provided by the navigation system.

Due to continual changes in traffic routing or deviations in the data, it may occur that imprecise or erroneous information is given. Therefore, actual road signs and traffic regulations must always be observed. In particular, the navigation system cannot be used as an orientation aid at times of poor visibility.

The unit may only be used for its intended purpose. The volume of the radio, navigation system and telephone should be adjusted so that external noise is still audible.

Do not activate the telephone near petrol stations, fuel depots, chemical plants or blasting areas.

In the case of a malfunction (i.e. smoke or other noticeable odours) the unit is to be turned off immediately.

For safety reasons, the unit must only be opened by a trained technician. Please refer to your dealer for repair.

Information regarding general road safety

This car radio device is intended and approved for installation and operation in passenger cars, commercial vehicles and buses (vehicle classes M, N and O) whose electric system has a rated voltage of 12V.

Installation and maintenance should only be carried out by specialists. Faulty installation or maintenance can result in the malfunctioning of the motor vehicle's electronic systems. The vehicle manufacturer's safety instructions must be observed.

The vehicle's electronics (e.g. speedometer signal) must only be worked on by an authorised service garage. We assume no liability for any impairment of the vehicle's electronics.

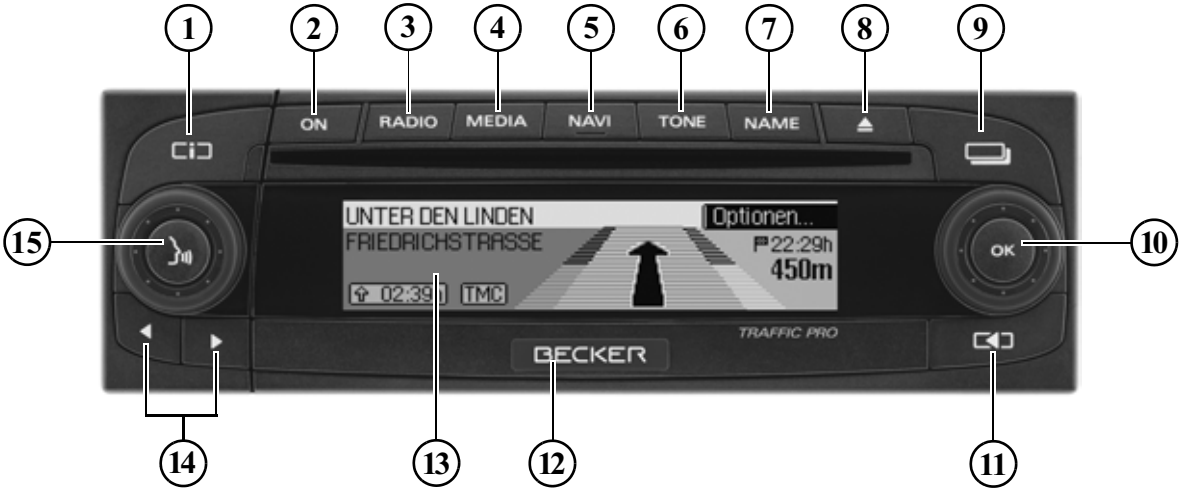
This device is only intended for installation in the area provided for this purpose by the vehicle manufacturer.

The method of attachment used must ensure that the device will remain properly attached, should the vehicle be involved in a crash.

The power supply must be properly fused.

Using mobile phones without an external antenna in the proximity of the radio unit may cause interference.

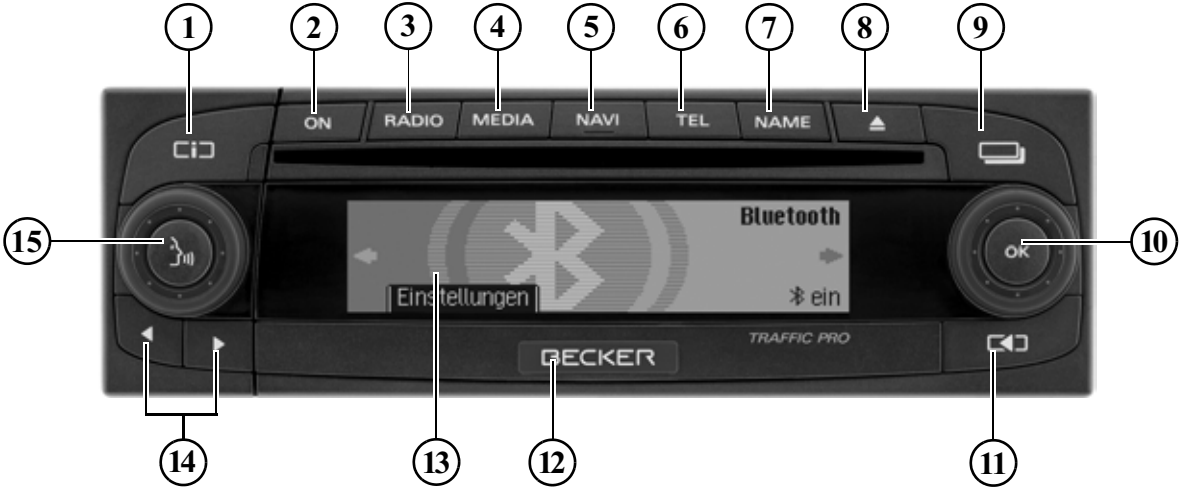
Familiarise yourself with the device and how it works before embarking on your journey. Whilst on the move, only operate the device in appropriate traffic conditions. The volume of the device should be set at a level that enables external noises (e.g. police sirens) to be easily heard.



1 Information button ( )
2 On / off switch (ON)
3 Select radio (RADIO)
4 Select CD/CDC/memory card (MEDIA)
5 Select navigation (NAVI)
6 Select sound settings (TONE)
7 Select address book (NAME)
8 CD eject button ( )
9 Status button ( )

10 Right-hand rotary control/push button (OK)
Press = Confirm
Turn = Scroll through lists and menus
11 Back button ( )
12 Button for unlocking removable control panel
13 Display
14 Arrow keys (and)
Change radio station and audio track
15 Left-hand rotary control/push button ( )
Press = Activate voice dialogue
Turn = Set volume

Overview of controls Traffic Pro with *Bluetooth*®



1 Information button
2 On / off switch ON
3 Select radio RADIO
4 Select CD/CDC/memory card MEDIA
5 Select navigation NAVI
6 Select telephone TEL
7 Select address book NAME
8 CD eject button
9 Status button

10 Right-hand rotary control/push button OK
Press = Confirm
Turn = Scroll through lists and menus
11 Back button
12 Release slide for removable control panel
13 Display
14 Arrow keys and
Change radio station and audio track
15 Left-hand rotary control/push button
Press = Activate voice dialogue
Turn = Set volume

Menu basics

Note

If an entry in the list is abbreviated because it is too long (three dots appear at the end of the text), you can display the entry in full briefly by pressing and holding down the ⊏⊐ button.

Fast access function

The fast access function provides fast access to the major functions in the various operating modes. In most cases, you may then make selections from lists (radio stations, navigation destinations, etc.). Select the first entry in the list to go to the Operating Mode main menu.

Note

If no selections are made for a short period of time when the fast access function is displayed, the display will automatically switch to the status display for the active operating mode.

The fast access function for the radio is shown here by way of example.
Press the various operating elements to access:

- RADIO The radio fast access function
- MEDIA The media fast access function (CD, CD changer and memory card)
- NAVI The navigation fast access function
- TEL * the telephone fast access function (if Bluetooth is activated and a telephone is connected).
- NAME The address book fast access function

Main menu

The main menu for each operating mode provides access to the various functions and possible settings for that mode.

The Radio main menu is shown here by way of example.
The main menu for the various operating modes can be called up in two different ways:

- Activate the fast access function (press RADIO, MEDIA, NAVI, TEL * or NAME).

▶ Turn the rotary control/push button OK to select the first entry in the fast access list.

▶ Press the rotary control/push button OK.

or

▶ Press the button for which you have called up the fast access function again (RADIO, MEDIA, NAVI, TEL * or NAME).

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Status display

All the information you need about the current operating mode appears on the status screen.

Note

The address book does not have a status display.

If navigation is also active in addition to the current radio or media operating mode, a combined display may appear.

The radio status display is shown here by way of example.

The radio status display with active navigation route guidance is shown here.

The status display can always be accessed by pressing ▭.

If route guidance is active, you can toggle between the combined display and the status display by pressing ▭ repeatedly.

Options menu

You can call up the Options menu in the status display.

▶ Press the rotary control/push button OK.

The Options menu appears.

You can access the major functions for the active operating mode directly in the Options menu. Some of the possible settings and functions in the Options menu can also be set/activated via the main menu.

The Options menu for the radio function is shown here by way of example.

How to use the menus

The commands are the same for all menus.

The Options menu for the radio function is shown here by way of example.
Turn the rotary control/push button OK to scroll through the menus.

Once you have made an entry in a menu, the next menu will appear or you can select the entry (by turning the rotary control/push button OK) to activate/deactivate a function.

If the menu entry is concealing another menu, a small triangle will appear after the menu entry.

or in front of a menu entry indicates that a function can be activated or deactivated. The symbol stands for off and the symbol for on.

Note

You can always press to go back one step in the menu hierarchy.

Data entry menus

If data can be entered, special data entry menus appear.

The data entry menu for the surname in an address book entry appears in the example.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter one after the other.

Note

Select the symbol to delete the last character in the entry.

If, when selecting the symbol , the rotary control/push button OK is pressed for longer than 2 seconds, the complete entry is deleted.

You can change the character set for the available characters by selecting various symbols.

- a.. Switch to lowercase
- A.. Switch to uppercase
- 1.. Switch to numbers
- ?!.. Switch to special characters
- æ.. Switch to lowercase international
- ff.. Switch to uppercase international

Accept entry:

▶ In the data entry menu, select the OK symbol.

or

▶ Press the rotary control/push button OK and hold it down for at least 2 seconds.

Anti-theft device

Your Traffic Pro features two anti-theft devices:

- Protection by means of a five-digit unit code number
- Protection by means of a removable control panel

Entering unit code numbers

If the Traffic Pro is disconnected from the electrical supply source, the anti-theft device prevents it against unauthorised use once it has been reconnected.
You need the five-digit code number printed on the CODE CARD to start up the Traffic Pro.

Note

It is important to store the CODE CARD in a safe place outside of the vehicle. This will prevent unauthorised use. The window stickers provided can be attached to the windscreen/windows inside your vehicle.

Shortly after the unit has been switched on by pressing ON, the data entry menu for the code number will appear.

▶ Turn the rotary control/push button OK to select the first digit of the code number.
▶ Press the rotary control/push button OK.
▶ Enter the remaining digits of the code number in the same way.

Note

If you enter an incorrect number:
▶ Press the back button ⌫ to delete the last number entered.
or
▶ Select the ⚙ symbol.

Once you have entered all 5 digits of the code number correctly, the Traffic Pro will come on automatically and you can use all functions.

What to do if an incorrect code number has been entered

The following message appears if an incorrect code number is entered.

▶ Press the rotary control/push button OK.

The data entry menu for the code number appears again.

▶ Enter the correct code number as described above.

Note

Entering an incorrect code number three times will disable the unit for approx. 1 hour.

The time remaining until another attempt can be made to enter the code number is displayed.

▶ Leave the ignition switched on.

Switching the ignition off resets the waiting time of one hour to zero.

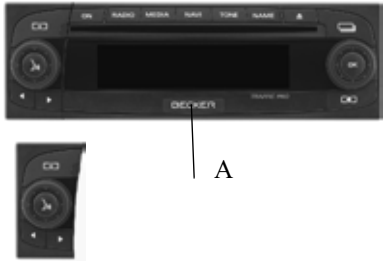
Once the waiting time has elapsed, the data entry menu for the code number appears again.

Removing/Inserting the control panel

Part of the control panel can be removed to provide additional effective protection against theft.

The Traffic Pro cannot be switched on without this removable control panel.

Removal



▶ Push the release slide for the control panel (A) to the right.

The control panel is released.

▶ Remove the control panel from the mount.

If the Traffic Pro is still switched on when the control panel is removed, it is switched to mute and disabled.

If the control panel is reinserted within 45 seconds, the Traffic Pro will automatically switch itself back on.

Notes

- Please insert the control panel into the accompanying protective cover after removal.
  Do not touch the metal contacts on the control panel or on the Traffic Pro.
- If you move your vehicle once the control panel has been removed, once you insert the control panel, it will take some time for the navigation system to ascertain your position.

Insertion

- ▶ Take the control panel out of its protective cover.
- ▶ Insert the left-hand side of the control panel.
- ▶ Push the control panel into place.

The Traffic Pro is now ready for operation and can be switched on, or it will switch itself on automatically.

Note

If a new control panel or the control panel for a different Traffic Pro is inserted, the code number for the Traffic Pro must be entered as described in “Entering unit code numbers” on page 14.

Inserting/Removing the cover

The scope of supply of the Traffic Pro includes a red plastic insert. This plastic insert can be snapped into the gap which appears once the control panel has been removed.

As well as serving as a protective cover for any CF card/micro-drive, the red colour of the plastic insert clearly indicates that the control panel has been removed.

Inserting the cover

- ▶ Remove the control panel as described in “Removing/Inserting the control panel” on page 15.
- ▶ Insert the plastic insert into the gap with the hole at the top and the smooth side facing outwards.
- ▶ Push the lower section of the plastic insert into the gap until it snaps into place.

The cover has now been inserted.

- ▶ Reinsert the control panel as described in “Removing/Inserting the control panel” on page 15.

Removing the cover

- ▶ Remove the control panel as described in “Removing/Inserting the control panel” on page 15.
- ▶ Insert your finger into the hole in the plastic insert.
- ▶ Carefully push the plastic insert downwards.
- ▶ Pull the plastic insert forwards.

The cover has now been removed.

- ▶ Reinsert the control panel as described in “Removing/Inserting the control panel” on page 15.

Switching the unit on/off

Switching on

▶ Press ON.

or

▶ If the Traffic Pro was switched off via the ignition, the Traffic Pro will switch back on once the ignition has been switched on.

▶ Confirm the warning which appears by pressing the rotary control/push button OK.

Notes

- Unless the warning message is confirmed, the Traffic Pro will remain disabled.
- Once it has been switched on, the Traffic Pro will play back the last source selected (radio or media). Any mute or pause function activated will be cancelled.
- If fewer than approx. 2 hours have elapsed since the unit was last switched off, active route guidance will be restarted.
- If the volume was set to a very loud value before the unit was last switched off, it will be reset to setting 26 when the unit is switched back on.

Switching off

▶ Press ON.

If the ignition is switched on, the Traffic Pro is switched to standby mode. The display goes dark and the Traffic Pro sound is switched off.

or

▶ Switch off the vehicle ignition.

The shutdown display appears for approx. 5 seconds.

During this period of approx. 5 seconds, shutdown can be aborted by pressing one of the buttons on the Traffic Pro or by switching the ignition back on.

The Traffic Pro then switches itself back on and plays back the last source selected (radio or media).

Setting the volume

There are 50 volume settings. The volume setting applies to all radio and audio sources.
You can specify whether changes in volume should be displayed in graphics format or not in "Displaying the volume" on page 130.

▶ Turn the rotary control/push button clockwise/counter clockwise.

▶ The volume increases or decreases.

Note:

Subsequent sections of the operation guide describe how to set the volume for:

- Traffic announcements (page Page 69)
- Navigation announcements and other voice messages (Page 125)
- Acoustic signals (Page 130)

Sound settings

You can configure the sound of your Traffic Pro to meet your requirements in the sound settings. The settings are also valid for all radio/audio sources.

Calling up the sound settings

▶ Press TONE.*

or

▶ Press RADIO or MEDIA until the sound settings appear.

or

▶ Select Sound in the radio or Audio main menu (Radio main menu Page 58/Audio main menu Page 80).

▶ Turn the rotary control/push button OK to select one of the following options:
Equaliser,
Balance / fader,
Loudness,
Becker surround,
Crossover,
Subwoofer and
Reset settings

▶ Confirm your selection by pressing the rotary control/push button OK.

Note:

Press one of the buttons RADIO, MEDIA, NAVI, TEL or NAME in order to quit the sound settings.

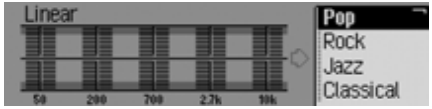
*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Setting the equalizer

You can switch the acoustic pattern on 5 frequency bands with the equalizer setting.
4 equalizer presets are also available for selection. An additional option also allows you to make another 3 equalizer settings.

or

▶ Select Equaliser in the sound settings.



▶ Next, turn the rotary control/push button OK to select one of the four equalizer presets (Rock, Pop, Jazz Music and Classical) or one of the three user-defined equalizer settings (User 1 - User 3 or Linear).

▶ Turn the rotary control/push button OK to apply the required equalizer setting.

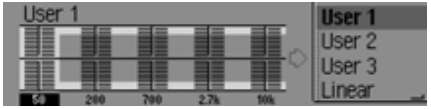
Note:

The equalizer presets (Rock, Pop, Jazz Music and Classical) cannot be modified. Select Linear to set the equalizer settings to an average value.

Defining the equalizer setting

▶ Select User 1, User 2 or User 3.

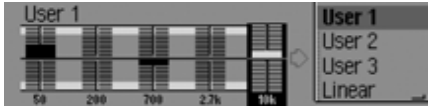
▶ Press and hold down the rotary control/push button OK.



The cursor jumps to the first frequency band.

▶ Turn the rotary control/push button OK to select the frequency band to be changed.

▶ Confirm your selection by pressing the rotary control/push button OK.



▶ Turn the rotary control/push button OK to select the required setting for the selected frequency band.

▶ Confirm the setting by pressing the rotary control/push button OK.

You may now change other settings.
Once you have made the required settings:

▶ Press and hold down the rotary control/push button OK.

or

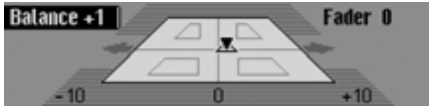
▶ Turn the rotary control/push button OK to select the arrow next to the frequency bands and press the rotary control/push button OK.

You may now make other equalizer settings or select one of the presets.

Setting balance and fader

You can shift the tone centre in the vehicle using the balance and fader setting.

▶ Select Balance / fader in the sound settings.

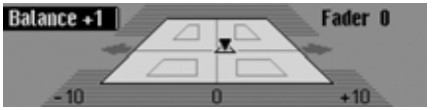


An image of the vehicle interior in the direction of travel appears on the display. The small triangle indicates the current position of the tone centre.
The Balance setting is active.

▶ Turn the rotary control/push button OK to select Balance or Fader.

Balance setting

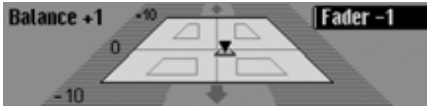
▶ Turn the rotary control/push button OK clockwise/counter clockwise.



The tone centre moves to the right/left.

Fader setting

▶ Turn the rotary control/push button OK clockwise/counter clockwise.

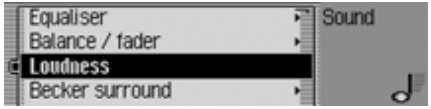


The tone centre moves forwards/backwards.

Switching loudness on/off

With loudness, the sound is improved by increasing the bass volumes (especially suitable for low-volume settings).

▶ Select Loudness in the sound settings.



▶ Press the rotary control/push button OK to switch loudness on ( ) or off ( ).

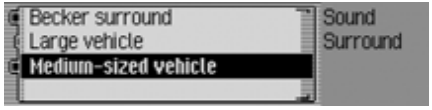
Becker Surround

You can use this function to activate virtual surround sound and select the vehicle size to optimise the surround sound function.

Note:

The Becker Surround function is not available for medium wave or short wave.

▶ Select Becker surround in the sound settings.



▶ Select Becker surround and press the rotary control/push button OK to switch virtual surround sound on ( ) or off ( ).

▶ Select Large vehicle or Medium-sized vehicle (on =).

Note:

Only one of the vehicle types in the list can be active ( ).

Subwoofer

You can set the volume level of the subwoofer output/ deactivate the subwoofer output.

▶ Select Subwoofer in the sound settings.

▶ Turn the rotary control/push button OK to select the required value.

Note:

A setting of "+10" indicates an increase in the volume of the subwoofer.
Select Off to deactivate the subwoofer output.
In addition, Subwoofer is deactivated with the crossover setting.

Crossover

Use this function to set the threshold frequencies for the front loudspeakers, the rear loudspeakers and the subwoofer.

▶ Select Crossover in the sound settings.

▶ You may now select Front loudspeakers, Rear loudspeakers or Subwoofer.

- Front loudspeakers and Rear loudspeakers
  You can set the lower threshold frequency of the front and rear loudspeakers to a value of between 20 and 150 Hz.
- Subwoofer
  You can set the upper threshold frequency of the subwoofer to a value of between 50 and 150 Hz.

In this example you can see the settings for the front loudspeakers.

▶ Turn the rotary control/push button OK to select the required value.

Reset settings

You can reset all sound settings to the default settings.

The following settings are reset to the relevant default value:

- Equaliser: All default settings are reset to the initial value. The user-defined setting is reset to zero.
- Balance / fader to centre setting
- Loudness to off
- Becker surround to off
- Subwoofer to 0.
- Crossover front and rear loudspeakers to 50 Hz, subwoofer to 100 Hz.

▶ Select Reset settings in the sound settings.

▶ Select Yes to reset the sound settings or No to continue without making any changes.

Select Yes to reset the sound settings.

Mute

You can switch your Traffic Pro to mute, i.e. switch off the sound from the current radio/media source.

However, navigation announcements, traffic announcements (if TP has been activated) and other voice announcements on the Traffic Pro continue to be transmitted unaffected.

▶ Press the rotary control/push button and hold it down for at least 2 seconds.

Example of muted radio mode.

Example of muted media mode.

You can deactivate the mute function as follows:

- Press the rotary control/push button again and hold it down for at least 2 seconds.
- Change the volume by turning the rotary control/push button.
- Press RADIO or MEDIA.
- Select another station or track.
- Switch the Traffic Pro off and back on again.

Navigation mode

What is navigation?

The term “navigation” (lat. navigare = to travel by sea) is generally understood to mean the location of a vehicle, the determination of the direction and distance from the desired destination and the required route. As navigation aids, stars, prominent landmarks, compass and satellites are used.

With Traffic Pro, location is determined with the GPS receiver (GPS = **G**lobal **P**ositioning **S**ystem). The direction and distance from the destination are determined using a digital road map, a navigation computer and sensors. A speedometer signal and a reverse signal are additionally used to calculate the route.

For safety reasons, navigation **is predominantly in spoken form** supported by a direction indicator on the display.

⚠ Safety instructions

- Road traffic regulations always take priority. The navigation system is only an aid. Errors may occur in individual data items/entries. At all times, the driver must decide whether or not to heed the information provided.
  We do not accept liability for erroneous data provided by the navigation system.
- Observation of traffic signs and local traffic regulations must always take priority.
- Traffic guidance is restricted to passenger vehicles only. Special driving recommendations and regulations for other vehicles (e.g. commercial vehicles) are not included.
- Destinations may only be entered when the vehicle is stationary.

Navigation CDs

Two navigation CDs are supplied with the navigation unit.

These CDs contain a digitised road map. One CD for Northern/Eastern Europe (CD no. 1) and one CD for Southern/Western Europe (CD no. 2) are supplied.

The complete trunk road network in the digitised area of Northern and Southern Europe are available on the CDs.

All digitised roads of the northern/eastern countries are also included on the Northern/Eastern Europe CD. All digitised roads of the southern/western countries are also included on the Southern/Western Europe CD.

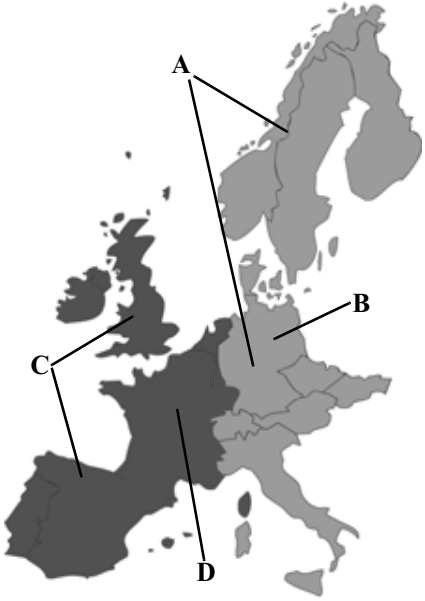
In these detailed areas of the Northern/Eastern or Southern/Western Europe CD road map, motorways, regional roads and unclassified roads as well as country roads are stored. Larger cities and communities are comprehensively covered. For smaller towns and communities, the regional and unclassified roads or access roads and the town centres are included.

One-way streets, pedestrian zones, turn bans and other traffic regulations are taken into account as far as possible.
There may be discrepancies between the data on the navigation CD and the actual local situation, due to permanent changes to road systems and their traffic regulations.

Note:

For Norway, Sweden, Finland and Denmark, non-verified data has been used to achieve a high depth of digitisation; i.e. with this data, the navigation system cannot refer to information such as motorway, trunk road, 30 zone, one-way street or other traffic regulations, as this is not recorded.
All roads can be used, but optimum route guidance cannot be guaranteed.

Navigation with two European CDs

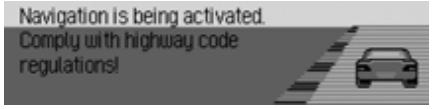


A Area of Northern/Eastern Europe CD with all digitised roads.
B For example, a town or an address in Germany (on the Northern/Eastern Europe CD).
C Area of Southern/Western Europe CD with all digitised roads.
D For example, a town or an address in France (on the Southern/Western Europe CD).

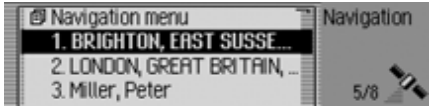
For example, if you wish to navigate from a town on the Southern/Western Europe CD (**D**) to a town on the Northern/Eastern Europe CD (**B**), enter your destination address. After entering the town, you will be prompted to insert navigation CD 1 by the display Insert CD 1 for detailed navigation data (Land). After inserting the relevant CD, enter the town, the road and, if required, the house number or the town centre.
The required map data is loaded and stored internally after route calculation has started.

Selecting navigation

▶ Press NAVI.



Navigation is activated. The display only appears if navigation has not been activated since the last time the Traffic Pro was switched on or if it is not yet ready.



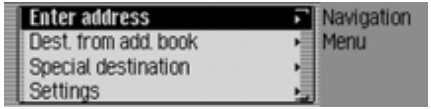
The Fast Access menu then appears. The number of satellites received appears on the right-hand side of the display (in the example, 5 of the maximum of 8 receivable satellites are being received).
In fast access mode, you can select and navigate to the last destinations entered/ the destinations you have stored in fast access mode.
For more information, see “Navigation fast access” on page 35.

Note:

The navigation CD must be loaded when starting navigation mode for the first time.
If calibration of the navigation system has not yet been completed, the system will prompt you to take a drive for calibration (see Installation Guide).
A navigation CD containing the data for the target country is required for navigation operations.
The navigation CD must be inserted to start the calculation of a route. During calculation, the symbol appears on the right-hand side of the display. Once the calculation has been completed, the symbol disappears, the navigation CD can be removed and an audio CD may be inserted.
When entering destinations, driving off should be delayed until the symbol has disappeared.
For distant destinations, you may be prompted to re-insert the navigation CD at a later time.

Calling up the Navigation main menu

▶ Press NAVI twice.
or
▶ Press NAVI.
The Fast Access menu appears.
▶ Select the Navigation menu entry.

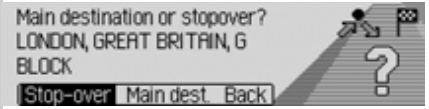


The Navigation menu appears.
▶ Turn the rotary control/push button OK to select one of the following options:
Enter address,
Dest. from add. book,
SpecialDest or
Setting
▶ Confirm your selection by pressing the rotary control/push button OK.
The required function is called up.

- Enter address
  Accesses the data entry menu for the destination. See “Entering a destination” on page 27.
- Dest. from add. book
  You can select a destination from the address book. See “Selecting a destination from the address book” on page 38.
- SpecialDest
  Access the POI selection menu. POIs include petrol stations, airports or hospitals, for example. See “Point of interest” on page 39.
- Setting
  Accesses the Navigation Settings menu. See “Settings” on page 55.

Note

If route guidance is already active, you can start to enter another destination by selecting Enter address, Dest. from add. book and SpecialDest.
Once the destination has been selected, the Traffic Pro will prompt you to confirm if the new destination is to be used as the main destination or a stopover.

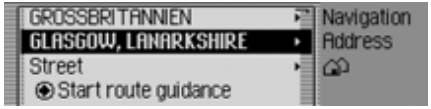


▶ Turn the rotary control/push button OK to select Stop-over or Main dest..
▶ Confirm your selection by pressing the rotary control/push button OK.

Depending on the selection, the new destination is now used as a stopover or the new main destination.

Entering a destination

▶ In the Navigation main menu, select the Enter address entry.



The Enter Destination menu appears. The last country selected and the last town selected appear first.

▶ Turn the rotary control/push button OK to select one of the following options:
GREAT BRITAIN (country as example),
GLASGOW (town as example),
Street,
Start route guidance,
House number,
Intersection,
Centre,
Postal code (postcode),
Route: short/Route: fast or Route: dynamic and
Save destination
▶ Confirm your selection by pressing the rotary control/push button OK.

The corresponding menu appears or the required action is initiated.

Note

Some entries in the Enter Destination menu cannot be selected directly. For example, a house number cannot be entered unless the name of a road has been entered first. These non-selectable entries are greyed out in the display and cannot be selected.
The entry will also be greyed out if no house numbers are available for a specific road.

Selecting a country

If your destination is located in a different country (GREAT BRITAIN in the example display) you must first select the required country.

▶ In the Enter Destination menu, select the country (GREAT BRITAIN in the example).

▶ Turn the rotary control/push button OK to select your destination country.

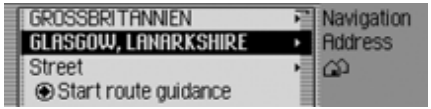
▶ Confirm your selection by pressing the rotary control/push button OK.

Entering a destination town

▶ In the Enter Destination menu, select the town (GLASGOW in the example).

Note

If your destination is in the same town as that displayed, you can continue directly with entering the road/centre.



▶ Confirm your selection by pressing the rotary control/push button OK.

The data entry menu for the town appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter one after the other.

Note

Select the ◆ symbol to delete the last character in the entry.

The last letter entered is highlighted. To help, the name of the location closest to the previous entry appears. The Traffic Pro offers only the possible remaining letters for selection. If no other entries are available, the Traffic Pro completes the town name automatically.

Accept entry:

▶ In the data entry menu, select the OK symbol.

or

▶ Press the rotary control/push button OK and hold it down for at least 2 seconds.

If the complete town name has already been entered or completed automatically, the unit will either switch automatically to either the town distinguishing list or you can continue directly with entering the road/centre.

If an incomplete town entry has been confirmed, the town selection list appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required town.

If the entry made is unambiguous, you can continue directly with entering the road/centre.

The town distinguishing list appears if the selection is ambiguous.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required town.

You can now continue with entering the road/centre.

Selecting destination via postcode

You can also select a destination via its postcode.

▶ In the Enter Destination menu, select Postal code.

▶ Confirm your selection by pressing the rotary control/push button OK.

The data entry menu for the postcode appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the numbers and letters one after the other.

Accept entry:

▶ In the data entry menu, select the OK symbol.

or

▶ Press the rotary control/push button OK and hold it down for at least 2 seconds.

If you have entered an incomplete postcode, the postcode selection list appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required postcode.

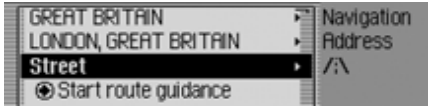
The display then shows either the destination corresponding to the postcode in the Enter Destination menu or, if the postcode is shared among several towns, a list containing these towns.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required town.

You can now continue with entering the road/centre.

Entering the destination road

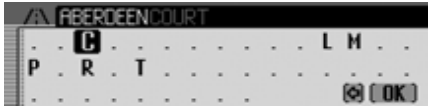
▶ In the Enter Destination menu, select Street.



▶ Confirm your selection by pressing the rotary control/push button OK.

The data entry menu for the road appears or, if fewer than 10 roads are available in the town, the unit switches directly to the road list.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter one after the other.



The last letter entered is highlighted. To help, the name of the road closest to the previous entry is displayed. The Traffic Pro offers only the possible remaining letters for selection. If no other entries are available, the Traffic Pro completes the road name automatically.

Accept entry:

▶ In the data entry menu, select the OK symbol.

or

▶ Press the rotary control/push button OK and hold it down for at least 2 seconds.

If you have entered an incomplete road name, the road list appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required road.

You can now start route guidance by selecting Start route guidance or enter a house number/junction for the road entered.

Entering the destination town centre

Instead of navigating directly to a road, you can also navigate to a town centre.

▶ In the Enter Destination menu, select Centre.

▶ Confirm your selection by pressing the rotary control/push button OK.

The data entry menu for the centre appears or, if fewer than 10 centres are available in the town, the unit switches directly to the centre list.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter one after the other.

The last letter entered is highlighted. To help, the name of the centre closest to the previous entry is displayed. The Traffic Pro offers only the possible remaining letters for selection. If no other entries are available, the Traffic Pro completes the centre name automatically.

Accept entry:

▶ In the data entry menu, select the OK symbol.

or

▶ Press the rotary control/push button OK and hold it down for at least 2 seconds.

If you have entered an incomplete centre name, the centre list appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required centre.

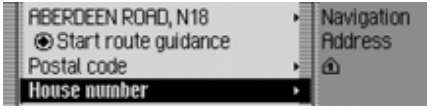
You can now start route guidance by selecting Start route guidance.

Entering house number for destination road

Note

A house number can only be selected if this information is stored on the navigation CD.

▶ In the Enter Destination menu, select House number.



▶ Confirm your selection by pressing the rotary control/push button OK.

A list containing ranges of house numbers appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required range.

You can now start route guidance by selecting Start route guidance.

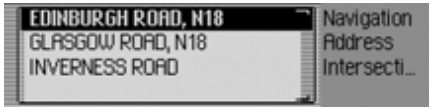
Selecting junction for destination road

Note

A junction can only be selected if this information is stored on the navigation CD.

▶ In the Enter Destination menu, select Intersection.

▶ Confirm your selection by pressing the rotary control/push button OK.



A list of junctions appears.

Note

If the destination road entered crosses more than 9 roads, a data entry menu corresponding to the data entry menu for roads appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required junction.

Setting the route options

You can use the route options to specify how the Traffic Pro calculates the route to the destination.

▶ In the Enter Destination menu, depending on the previous setting, select Route: short, Route: fast or Route: dynamic.

Confirm your selection by pressing the rotary control/push button OK.

The Route Options menu appears.

▶ Turn the rotary control/push button OK to select one of the following options:
Dynamic route,
Quick route,
Short route,
Avoid motorway,
Avoid tunnel,
Avoid toll,
Avoid ferry or
Ready

▶ Turn the rotary control/push button OK to switch the required function on (■) or off (□).

Note:

Only one of the three settings (Dynamic route, Quick route or Short route) may be active (■) at the same time.

- Dynamic route
  The route is calculated taking into account the traffic announcements received.
  If dynamic route guidance is active, the routes are calculated on the basis of the fastest route to the destination.

Notes:

- Dynamic route guidance is not possible in all countries at present.
- When new route calculations are made with active dynamic route guidance, the Traffic Pro may request the navigation CD (if it is not already inserted).

- Quick route
  With this setting, the route with the shortest possible travel time to the destination is calculated.
- Short route
  With this setting, the route with the shortest possible distance to the destination is calculated.
- Avoid motorway, Avoid tunnel, Avoid toll and Avoid ferry
  You can use these entries for example to exclude ferries or motorways from the route calculation. The Traffic Pro will then attempt to calculate a route which does not contain any motorways or ferries.

Notes:

- Routes without motorways can only be calculated for short distances (up to 200 km depending on digitalisation density).
- Even if Avoid toll is selected, toll roads (e.g. in Switzerland or Austria) will be included in the route calculation.

Saving/Deleting route options

▶ In the Route Options menu, select Ready.

▶ Confirm your selection by pressing the rotary control/push button OK.

or

▶ Press ⊏⊐.

You can now start route guidance

Saving a destination

Once you have entered a destination, you can save it in the address book. This may be useful if you wish to travel to this destination again at a later date.

▶ In the Enter Destination menu, select Save destination.

▶ Confirm your selection by pressing the rotary control/push button OK.

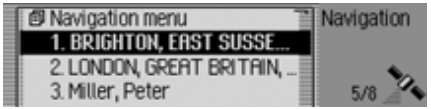
Proceed as described in “Saving an entry in the address book” on page 36.

Navigation fast access

In navigation fast access mode, the last 50 destinations to which the vehicle has travelled are displayed.
The destinations 1 - 20 are numbered for selection using the voice control.
You may:

- Start navigation directly to these destinations
- Protect the entries in fast access, i.e. the entry will not be deleted when the maximum number of destinations is reached. The oldest unprotected entry will be deleted.
- Delete individual fast access entries.
- Delete the entire fast access list.
- Save an entry from the fast access list to the address book.

▶ Press NAVI.



The navigation fast access function appears.

Navigating from fast access

▶ Call up the navigation fast access function.
▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required target from the list.

Route guidance to this destination will be started immediately.

Protecting an entry

▶ Call up the navigation fast access function.
▶ Select the entry to be protected.
▶ Press the rotary control/push button OK until a menu appears.
▶ Select the Protect entry entry.
▶ Switch protection on ( ) or off ( ) by pressing the rotary control/push button OK.

Protected entries are identified by the symbol.

Note:

A protected entry is only protected from being deleted in fast access mode. However, you can delete this protected entry individually, and it will also be deleted when the complete list is deleted.

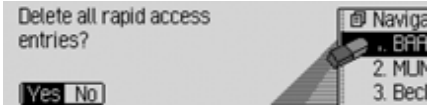
Deleting an entry

- ▶ Call up the navigation fast access function.
- ▶ Select the entry to be deleted.
- ▶ Press the rotary control/push button OK until a menu appears.
- ▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the Delete entry entry.

The entry is deleted from the fast access list.

Deleting a list

- ▶ Call up the navigation fast access function.
- ▶ Press the rotary control/push button OK until a menu appears.
- ▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the Delete list entry.



- ▶ When the prompt appears, select Yes to delete the list or No to retain it.

If you select Yes, the list will be deleted in the fast access function.

Saving an entry in the address book

- ▶ Call up the navigation fast access function.
- ▶ Select the entry to be saved.
- ▶ Press the rotary control/push button OK until a menu appears.
- ▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the Save in address book entry.

- ▶ Turn the rotary control/push button OK to select one of the following options:
  Create new entry or
  Amend entry
- ▶ Confirm your selection by pressing the rotary control/push button OK.

- Create new entry
  Select this option to create a new entry in the address book.
- Amend entry
  Select this option to add the current address to an existing entry in the address book.

Creating a new entry

▶ Select the Create new entry entry.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter in the surname one after the other.

Note:

Please also refer to the description in “Data entry menus” on page 13.

▶ In the data entry menu, select the OK symbol.

or

▶ Press the rotary control/push button OK and hold it down for at least 2 seconds.

The entry is adopted.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter in the first name one after the other.

▶ In the data entry menu, select the OK symbol.

or

▶ Press the rotary control/push button OK and hold it down for at least 2 seconds.

The address book entry appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the Save entry.

A confirmation that the entry has been saved appears.

▶ Press the rotary control/push button OK.

Adding data to entries

▶ Select the Amend entry entry.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the entry to which you wish to add data.

Note:

If there are more than 10 entries in the address book, the data entry menu for locating the required name appears.

The navigation address previously selected is added to the selected address book entry.

If the selected address book entry already contains an address, the following prompt appears:

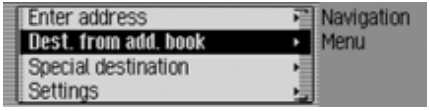
▶ In the prompt, select Yes to overwrite the existing address or No to retain the address.

If you select Yes, the existing address will be overwritten.

Selecting a destination from the address book

You can find a destination in the address book and start navigation to it.

▶ In the Navigation main menu, select the Dest. from add. book entry.



▶ Confirm your selection by pressing the rotary control/push button OK.

The address book entries which support navigation appear.

Note:

If there are more than 9 entries in the address book, the data entry menu for locating the required name appears.

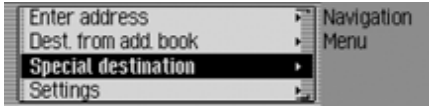
▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required entry.

Route guidance to this destination will be started immediately.

Point of interest

You can select a POI as a main destination or a stopover.
POIs include petrol stations, airports or hospitals, for example.

▶ In the Navigation main menu, select the SpecialDest entry.



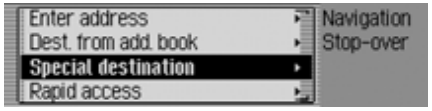
▶ Confirm your selection by pressing the rotary control/push button OK.

or if route guidance is already active

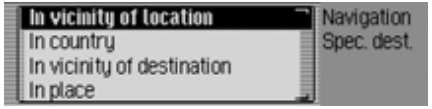
▶ In the navigation status display, press the rotary control/push button OK.

The Options menu appears.
▶ Select the Stop-over entry.
▶ Confirm your selection by pressing the rotary control/push button OK.

▶ Select the SpecialDest entry.



▶ Confirm your selection by pressing the rotary control/push button OK.



The POI menu appears.
▶ Turn the rotary control/push button OK to select one of the following options:
In vicinity of location,
In country,
In vicinity of destination or
In place
▶ Confirm your selection by pressing the rotary control/push button OK.

- In vicinity of location
  You can select a POI in the vicinity of the vehicle. When you make your selection, the unit will tell you in which direction the POI is located and how far away it is.
- In country
  You can select a POI for the selected country from a range of national POI categories.
- In vicinity of destination
  You can select a POI in the vicinity of the destination.

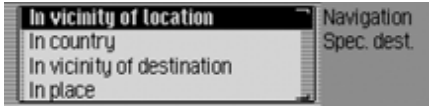
Note:

The In vicinity of destination entry can only be selected if route guidance is active.

- In place
  You can select a POI in a specific town.

Local

▶ In the POI menu, select the In vicinity of location entry.



▶ Confirm your selection by pressing the rotary control/push button OK.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required POI category.

The data entry menu for POIs appears or, if fewer than 10 POIs are available in the selected category, the unit switches directly to the POI list.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter one after the other.

Accept entry:

▶ In the data entry menu, select the OK symbol.

or

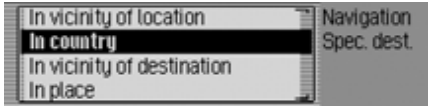
▶ Press the rotary control/push button OK and hold it down for at least 2 seconds.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required POI.

Route guidance to the selected point of interest is initiated.

In country

▶ In the POI menu, select the In country entry.



▶ Confirm your selection by pressing the rotary control/push button OK.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the country in which you are looking for a national POI.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required POI category.

The data entry menu for POIs appears or, if fewer than 10 POIs are available in the selected category, the unit switches directly to the POI list.

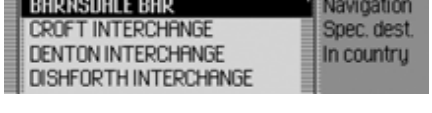
- ▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter one after the other.

Accept entry:

- ▶ In the data entry menu, select the OK symbol.

or

- ▶ Press the rotary control/push button OK and hold it down for at least 2 seconds.

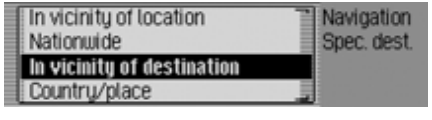


- ▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required POI.

Route guidance to the selected point of interest is initiated.

Local area of destination

- ▶ In the POI menu, select the In vicinity of destination entry.

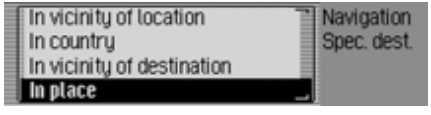


- ▶ Confirm your selection by pressing the rotary control/push button OK.

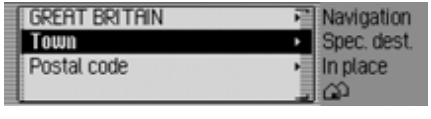
Proceed as described in “Local” on page 40. If this option is selected, however, no directions or distances will appear in the POI list.

In place

- ▶ In the POI menu, select the In place entry.



- ▶ Confirm your selection by pressing the rotary control/push button OK.



- ▶ Select the desired country as described under “Selecting a country” on page 28.
- ▶ Select the required town as described under “Entering a destination town” on page 28.

or

- ▶ Select the required postcode as described under “Selecting destination via postcode” on page 29.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required POI category.

The data entry menu for POIs appears or, if fewer than 10 POIs are available in the selected category, the unit switches directly to the POI list.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter one after the other.

Accept entry:

▶ In the data entry menu, select the OK symbol.

or

▶ Press the rotary control/push button OK and hold it down for at least 2 seconds.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required POI.

Route guidance to the selected point of interest is initiated.

Information about points of interest

You can call up additional information about many POIs, e.g. a brief description or a telephone number. You can then also call this number directly.

To do this, you must be in the POI list.

▶ Press CD and hold it down until the information appears.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

▶ Turn the rotary control/push button OK to scroll through the information.

Note:

To call a displayed number directly, select the number and press the rotary control/push button OK.

▶ Press ⊏⊐ to return to the list of POIs.

During route guidance

During route guidance, navigation information is displayed on the status screen in all operating modes.
However, complete navigation information is only displayed in the navigation status screen.

Examples:

The navigation status screen.

The radio status screen with active navigation. The display for other sources is similar. When you are approaching a turn, the navigation status screen appears automatically. Once you have completed the turn, the unit reverts to the previous status screen.

Navigation status screen

All information relevant to information is displayed on the navigation status screen.

The distance to the next turn and the estimated time of arrival are shown on the right-hand side of the display.
The name of the road the vehicle is turning into appears in the first line on the upper left of the display. The name of the road the vehicle is currently travelling along appears in the second line.
Depending on the setting, the current time, estimated journey time remaining or distance remaining to be travelled appear on the bottom left of the display.

▶ Turn the rotary control/push button OK to select the various displays in the status display.

Display with current time.

Display with estimated journey time remaining.

Display with distance remaining to be travelled.

Example navigation displays

Warning
Accident hazard
Road traffic regulations always take priority when a vehicle is being driven in traffic. The navigation system is only an aid. Errors may occur in individual data items/entries. At all times, the driver must decide whether or not to heed the information provided.
We do not accept liability for erroneous data provided by the navigation system.

- "If possible, please turn back."

You are driving in the wrong direction and should turn around at the earliest opportunity.

- "Please turn left after 100 metres."

The name of the road the vehicle is turning into appears in the first line on the upper left of the display. The name of the road the vehicle is currently travelling along appears in the second line.

- "Please leave the roundabout at the third exit on the right."

This display shows you the exit you should take on the roundabout.

- "Please follow the direction arrows."

This display tells you that you are currently on a non-digitised road (i.e. car park, garage, multi-storey car park). Your location therefore does not appear on the digitised road map. The arrow indicates the direction of the destination as the crow flies.

- Active stopover:

- Block active:

- Recalculating route:

- Destination reached:

Options menu

During route guidance, you can call up the Options menu in the navigation status screen.

▶ Press the rotary control/push button OK.

The Options menu appears on the right-hand side.

▶ Turn the rotary control/push button OK to select one of the following options:
Cancel,
Messages,
Route list,
Stop-over (stopover),
Block,
Route opt. or
Announce

▶ Confirm your selection by pressing the rotary control/push button OK.

- Cancel
  You can abort the current route guidance. See “Cancelling route guidance” on page 46.
- Messages
  You can display/listen to a list of traffic announcements relevant to the route. See “Traffic announcements” on page 47.
- Route list
  You can display the route planned by the Traffic Pro. See “Route list” on page 47.
- Stop-over
  You can enter another destination as a stopover during active navigation. See “Stopover” on page 47.
- Block
  You can block a section of the route still to be travelled. See “Blocking a route” on page 49.
- Route opt.
  You can modify the route options during navigation. See “Modifying route options” on page 49.
- Announce
  You can switch navigation announcements off and then back on again. See “Switching navigation announcements on/off” on page 50.

Cancelling route guidance

You can use this function to cancel route guidance before reaching the actual destination.

▶ In the Options menu, select the Cancel entry.

▶ Select Yes (cancel navigation) or No (continue with navigation).

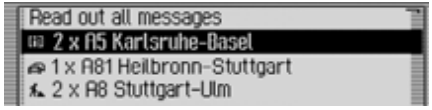
Note:

If no operator inputs are made, the menu will automatically disappear after a few seconds and navigation will continue.

Traffic announcements

You can display/listen to a list of traffic announcements relevant to the route.

▶ In the Options menu, select the Messages entry.



The list of traffic announcements relevant to the route appears.

▶ To listen to all announcements, select the Read out all messages entry.

or

▶ Select the required announcement.

▶ Confirm your selection by pressing the rotary control/push button OK.

The announcement appears in full.

For more information about traffic announcements, see “Displaying traffic information” on page 54.

Route list

You can display the route planned by the Traffic Pro.

▶ In the Options menu, select the Route list entry.

A list of the roads to the destination appears. The distance to be travelled along each road appears after its name.

▶ Turn the rotary control/push button OK to scroll through the list.

Note:

Once route guidance has started, it takes a little while for the route list to appear in full.

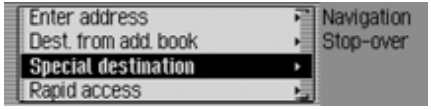
If the route list is not available due to recalculation, No route list available appears. For technical reasons, distance information cannot be displayed for the road currently being driven on.

▶ Press ⊏ to exit the route list.

Stopover

You can enter another destination as a stopover during active navigation.

▶ In the Options menu, select the Stopover entry.



▶ Turn the rotary control/push button OK to select one of the following options:
Enter address,
Add. book,
SpecialDest or
Rapid access

▶ Confirm your selection by pressing the rotary control/push button OK.

- Enter address
  You can enter a complete address as a stopover as described in “Entering a destination” on page 27.
- Add. book
  You can enter an address book entry as a stopover as described in “Selecting a destination from the address book” on page 38.
- SpecialDest
  You can enter a POI as a stopover as described in “Point of interest” on page 39.
- Rapid access
  You can enter a fast access destination as a stopover as described in “Navigation fast access” on page 35.

Once the stopover has been selected, the route is recalculated and route guidance started to the stopover.

Note:

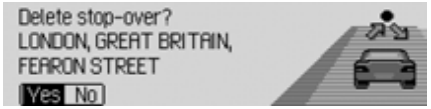
Once the stopover has been reached, the following display appears.

Route guidance to the main destination is started automatically.

Deleting a stopover

If you have entered a stopover, you can delete it before reaching it.

▶ In the Options menu, select the Stop-over entry again.



▶ Select Yes (delete stopover) or No (retain stopover).

Note:

If no operator inputs are made, the menu will automatically disappear after a few seconds and the stopover will be retained.

If Yes is selected, the stopover is deleted and route guidance to the main destination started automatically.

Blocking a route

You can use this function to block a section of the route still to be travelled when the next junction is reached. If possible, the Traffic Pro will then calculate a diversion route. This may be useful if a traffic jam or road block lies immediately ahead.

▶ In the Options menu, select the Block entry.

▶ Turn the rotary control/push button OK to select the required distance to be blocked.

▶ Confirm your selection by pressing the rotary control/push button OK.

The route is recalculated.

Unblocking a route

Once a block has been entered, it can be removed again.

▶ In the Options menu, select the Block entry.

▶ Select Yes (delete block) or No (retain block).

Note:

If no operator inputs are made, the menu will automatically disappear after a few seconds and the block will be retained.

Modifying route options

You can modify the route options during navigation.

▶ In the Options menu, select the Route opt. entry.

▶ Select Dynamic route, Quick route, Short route or the avoid functions (on = ■).

Note:

Only one of the three settings (Dynamic route, Quick route, Short route) may be active (■) at the same time.

For more information about route options, see “Setting the route options” on page 33.

▶ In the Route Options menu, select Ready.

The route is calculated with the new route options.

Switching navigation announcements on/off

You can switch navigation announcements off and then back on again.

- ▶ In the Options menu, select the Announce. entry.
- ▶ Press the rotary control/push button OK to switch navigation announcements on ( ) or off ( ).

Information during route guidance

Displaying destination information

- ▶ Press CD.
- ▶ Turn the rotary control/push button OK clockwise until Destination appears on the top right of the display.

The following information appears:

- On the top left, the destination town and destination road.
- To the left underneath the destination town, the average speed thus far.
- Above the image of the car, the distance still to be travelled and the anticipated time of arrival.
- To the left and right of the image of the car, the distance already travelled and the journey time thus far.

Notes:

- If a stopover is active, information about it is displayed. appears on the display above the car.
- Press the rotary control/push button OK to reset the values for the average speed, distance travelled and journey time thus far to zero.
- By pressing the CD button for a long time you can obtain a display of all the information concerning the destination shown.
- Exit the destination information by pressing the CD button.

Displaying/Storing position

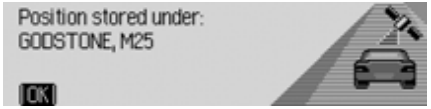
▶ Press CD.

▶ Turn the rotary control/push button OK clockwise until Position appears on the top right of the display.

The following information appears:

- If possible, the town and road/geographical coordinates and height above sea level (only in the event of sufficient satellite reception) appear on the left-hand side of the display.
- The number of satellites which have been/can be received appears above the image of the car.

▶ Press the rotary control/push button OK to store the current position.



The current position was saved in fast access mode.

Displaying traffic announcements

▶ Press CD.

▶ Turn the rotary control/push button OK clockwise until TMC appears on the top right of the display.

The following information appears:

- The number of TMC messages received.
- The number of TMC messages relevant to the route.

▶ Press the rotary control/push button OK.

All TMC messages are displayed.

▶ To listen to all announcements, select the Read out all messages entry.

or

▶ Select the required announcement.

▶ Confirm your selection by pressing the rotary control/push button OK.

The announcement appears in full.

For more information about traffic announcements, see “Displaying traffic information” on page 54.

Displaying/Changing route settings

▶ Press CD.

▶ Turn the rotary control/push button OK clockwise until Route appears on the top right of the display.

The current route settings are displayed.

▶ Press the rotary control/push button OK.

▶ Select Dynamic route, Quick route, Short route or the avoid functions (on = ■).

Note:

Only one of the three settings (Dynamic route, Quick route, Short route) may be active (■) at the same time.
For more information about route options, see "Setting the route options" on page 33.

The route is calculated with the new route options.

Information during non-active route guidance

Displaying/Storing a position

You can display and store the current position. See "Displaying/Storing position" on page 51.

Displaying TMC messages

You can display TMC messages as described in "Displaying traffic announcements" on page 51. Of course, no traffic announcements are displayed for the route.

Dynamic route guidance with TMC

Note:

Dynamic route guidance is not possible in all countries.
When Dynamic Route Guidance is active, the navigation system may request the navigation CD for possible route calculation (if the navigation CD is not inserted).

What is dynamic route guidance?

Dynamic route guidance is used to calculate the route, taking current traffic announcements into account.
The traffic announcements are transmitted by a TMC radio station in addition to the radio programme and are received and analysed by the navigation system. The reception of traffic announcements is free of charge.

Note:

As the traffic announcements are transmitted by radio stations, we cannot assume responsibility for the completeness or accuracy of the announcements.

Austria: The location and event code was made available by ASFINAG and BMVIT.

Dynamic route guidance

You can activate dynamic route guidance by selecting Dynamic route in the route options.

If dynamic route guidance has been activated, a continuous check is made for the presence of relevant announcements for the selected route. The route is then calculated using the “fast route” option, while taking into account current traffic announcements. If it is determined during these continuous checks that a traffic announcement is of relevance for the route guidance, the unit will automatically re-calculate a new route to the destination.

New route is shown on the display. There is also the voice announcement “**The route is being recalculated due to current traffic announcements**”.

Note:

If no TMC stations are received for 10 minutes, No TMC reception at present. Dyn. route guid. not possible. is displayed and a short signal tone sounds.

Your navigation system can receive TMC information, whether a TMC station is selected or not. However, in order to guarantee optimal reception of TMC information, we recommend the selection of a TMC station.

Displaying traffic information

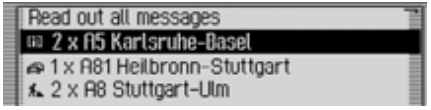
Current traffic announcements can be displayed in text form. There are several options for requesting current traffic information.

You can call up traffic announcements via the navigation Options menu and by pressing CD. Please refer to the description in “Traffic announcements” on page 47 and “Displaying traffic announcements” on page 51.

Note:

If no up-to-date traffic information is available, No TMC messages and No TMC on route are displayed.

In both cases, the Traffic Pro displays a list of the up-to-date traffic information currently available.



All TMC messages are displayed.

Note:

Traffic announcements are displayed sorted according to category and road. Various symbols appear in front of each traffic announcement to indicate the category.

indicates a warning.

indicates building sites and other obstacles.

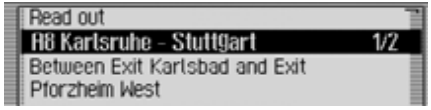
indicates traffic jams in general.

▶ To listen to all announcements, select the Read out all messages entry.

or

▶ Select the required announcement.

▶ Confirm your selection by pressing the rotary control/push button OK.



The announcement appears in full.

▶ To listen to the announcement, select the Read out entry.

or

▶ Turn the rotary control/push button OK to scroll through the traffic announcement.

Note:

The reading out of traffic announcements can be aborted by pressing the rotary control/push button .

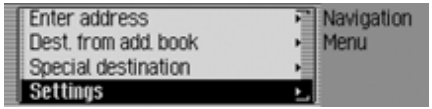
A typical traffic announcement appears as follows:

- a motorway or road number
- Approximate direction information
- Detailed location and direction information
- The event
- The cause, if known

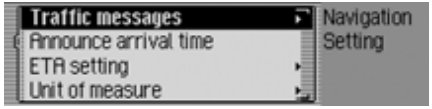
Settings

You can make various settings for navigation in the settings.

▶ In the Navigation main menu, select the Setting entry.



▶ Confirm your selection by pressing the rotary control/push button OK.



The Settings menu appears.

▶ Turn the rotary control/push button OK to select one of the following options:
Traffic messages,
Announce arrival time,
ETA setting or
Unit of measure

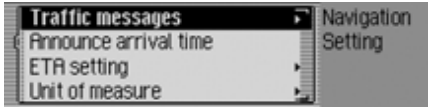
▶ Confirm your selection by pressing the rotary control/push button OK.

- Traffic messages
  You can specify whether or not traffic announcements should be read out automatically by the unit and, if so, which ones.
- Announce arrival time
  You can specify whether the calculated time of arrival should be announced automatically once the route has been calculated/recalculated.
- ETA setting
  You can configure the calculation of the ETA. **ETA** stands for **E**stimated **T**ime of **A**rrival.
- Unit of measure
  You can convert the calculation of the distances from metric (display in metres and kilometres) to imperial (display in yards and miles) system and vice versa.

Traffic announcements

You can specify whether or not traffic announcements should be read out automatically by the Traffic Pro and, if so, which ones.

▶ In the Settings menu, select the Traffic messages entry.



▶ Confirm your selection by pressing the rotary control/push button OK.

▶ You may now select Announce messages, On route only or Warnings only.

- Announce messages
  If this function is active, all traffic announcements are made automatically on receipt.

Note:
This setting must be active ( ) in order to be able to activate the two other settings.

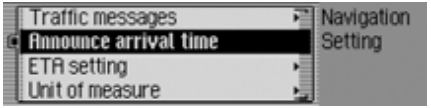
- On route only
  If you activate this function ( ), only the traffic announcements relevant to the route are made.
- Warnings only
  Activate this function ( ) to have only warnings announced.

▶ Turn the rotary control/push button OK to switch the required function on ( ) or off ( ).

Announcing the time of arrival

You can specify whether the calculated time of arrival should be announced automatically once the route has been calculated/ recalculated or after pressing the button.

▶ In the Settings menu, select the Announce arrival time entry.

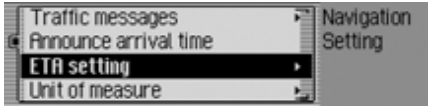


▶ Press the rotary control/push button OK to switch the announcement of the time of arrival on ( ) or off ( ).

ETA setting

You can configure the calculation of the ETA. **ETA** stands for **E**stimated **T**ime of **A**rrival.

▶ In the Settings menu, select the ETA setting entry.



▶ Confirm your selection by pressing the rotary control/push button OK.

▶ You may now select Sports car, Car, Van or Set freely.

- Sports car
  This setting indicates to the Traffic Pro that you tend to drive rather quickly. An earlier ETA is calculated.

- Car
  This is the default setting. It offers sufficiently accurate calculation of the ETA for most drivers.
- Van
  This setting indicates to the Traffic Pro that you will need a little longer for the planned route. This setting could be selected, for example, for a slower vehicle or in dense traffic areas.
- Set freely
  Select this option to modify the calculation of the ETA to suit your requirements.

Note:

Only one of the two settings may be active ( ) at the same time.

▶ Turn the rotary control/push button OK to activate the required setting ( ).

If Set freely is selected, you still need to select the required setting. The available range is between 50% and 200%. A value of 100% indicates the Car setting. A later ETA will be calculated if a higher percentage value is selected.

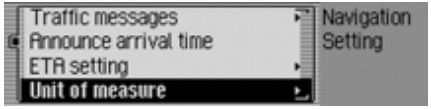
▶ Turn the rotary control/push button OK to set the required percentage value.

▶ Confirm your selection by pressing the rotary control/push button OK.

Measuring unit

You can convert the calculation of the distances from metric (display in metres and kilometres) to imperial (display in yards and miles) system and vice versa.

▶ In the Settings menu, select the Unit of measure entry.



▶ Confirm your selection by pressing the rotary control/push button OK.

▶ Select Metric or Imperial (on =).

Note:

Only one of the two settings may be active ( ).

Switching on radio mode

▶ Press RADIO.
Radio mode is activated. The last waveband selected and the last station selected are set.

Calling up the Radio main menu

You can make settings for radio mode in the Radio main menu.
The following description assumes that you are in the status display.

▶ Press RADIO twice in succession.
or
▶ Press RADIO.
The Fast Access menu appears.
▶ Select the Radio menu entry.

The Radio main menu appears.
The example shows the Radio main menu for VHF.
▶ Turn the rotary control/push button OK to select one of the following options:
Waveband,
Programme type,
Filter,
Traffic info,
Sound,
Voice entries,
Regionalisation,
Reception optimisation or
Adaptive bandwidth control
▶ Confirm your selection by pressing the rotary control/push button OK.
The required function is called up.

- Waveband
  Accesses the selection menu for the waveband. See “Selecting a waveband” on page 59.
- Programme type
  Accesses the selection menu for the programme type. See “Programme type” on page 64.
- Filter
  Accesses the selection menu for the filter function. See “Filter function” on page 62.
- Traffic info
  Accesses the selection menu for traffic programmes. See “Traffic programme” on page 67.
- Sound
  Accesses the sound settings. See “Sound settings” on page 18.
- Voice entries
  Accesses the selection menu for voice entries. See “Voice entries” on page 66.
- Regionalisation
  You can switch regionalisation on/off. See “Regionalisation” on page 65.

- Reception optimisation
  Accesses the selection menu for reception optimisation. See “Reception optimisation” on page 66.
- Adaptive bandwidth control
  You can switch bandwidth control on/off. See “Bandwidth control” on page 67.

Selecting a waveband

▶ In the Radio main menu, select Waveband.

▶ Turn the rotary control/push button OK to select one of the following options:
FM – alphabetically,
FM – by quality,
Station memory,
AM or
Short wave

▶ Confirm your selection by pressing the rotary control/push button OK.

The selected waveband is set.

- FM – alphabetically
  If an FM station was selected previously, it will remain selected or, if an AM station was selected, the last FM station selected will be set.
  The Fast Access menu appears. All receivable stations which are not filtered out, appear in the list in alphabetical order.
  The waveband set is indicated by the ABC symbol in the status display.
- FM – by quality
  If an FM station was selected previously, it will remain selected or, if an AM station was selected, the last FM station selected will be set.
  The Fast Access menu appears. All receivable stations which are not filtered out, appear in the list in order of quality.
  The waveband set is indicated by the symbol in the status display.
- Station memory
  The last station set is retained.
  The station memory, which can store up to 20 FM and AM waveband stations, is displayed.
  The waveband set is indicated by the symbol in the status display.
  See “Station memory” on page 71.
- AM
  The last medium wave station selected is set.
  The status display appears.
  The waveband set is indicated by the MW symbol in the status display.
- Short wave
  The last short wave station selected is set.
  The status display appears.
  The waveband set is indicated by the KW symbol in the status display.

FM mode

FM mode combines the two wavebands FM – alphabetically and FM – by quality.

Possible settings for FM stations

A number of possible settings may be made for selecting stations in FM mode:

- Tuning via station list. See “Station list” on page 60.
- Scan function. See “Scan function” on page 61.
- Manual station tuning. See “Manual station tuning” on page 62.
- Via the station memory. See “Station memory” on page 71.

Station list

All stations which can be received/identified appear in the station list.
The display sequence is determined by the selected waveband FM – alphabetically or FM – by quality.

Stations can be selected using the station list in two ways:

Selection in status display:

▶ Turn the rotary control/push button OK clockwise or counter clockwise.

or

▶ In the status display, press ▶ or ◀.

Press ▶ or turn the rotary control/push button OK to the right to select the next station on the station list. The name of the station appears underneath the station currently selected.

Press ◀ or turn the rotary control/push button OK to the left to select the previous station on the station list. The name of the station appears above the station currently selected.

Selection via fast access.

▶ Press RADIO.

The Fast Access menu appears.

▶ Turn the rotary control/push button OK to select the required station and press the rotary control/push button OK.

The selected station is set.

Notes:

- If the selected entry is a station chain, this is indicated by a small triangle on the right-hand edge of the list.
  Once a station has been selected, a second list appears from which you may select the required station from the station chain.
  Press ⊏ to return to the previous menu without selecting a station.
- Similarly, if a station transmits a number of different regional programmes and regionalisation has been activated as described in "Regionalisation" on page 65, a list will appear from which you may select the required station. Stations of this type are identified in the station list by (REG).

Scan function

All stations in the station list are scanned briefly to enable you to select the one you require.

▶ In the status display, press and hold down ▶ or ◀.

or

▶ In the status display, press the rotary control/push button OK.

The Options menu appears.

▶ Select the Scan entry.

▶ Press the rotary control/push button OK to activate the function ( ).

The stations in the station list are scanned briefly in descending/ascending order.

Note:

If the station memory is active and an FM station is selected, then only stations which have not yet been stored are played when using the scan function.

Aborting the scan function

▶ In the status display, press ▶ or ◀.

or

▶ Turn the rotary control/ push button OK.

or

▶ In the status display, press the rotary control/push button OK.

The Options menu appears.

▶ Select the Scan entry.

▶ Press the rotary control/push button OK to deactivate the function ( ).

The station currently being scanned is set and the scan function is aborted.

Manual station tuning

You can set the required frequency manually.

▶ In the status display, press the rotary control/push button OK until Frequency – or Frequency + appears on the display instead of the previous/next station.

▶ Turn the rotary control/push button OK to select the required frequency.

To exit manual station tuning, press and hold down the rotary control/push button OK until Frequency – or Frequency + disappears.

The selected frequency remains set.

Note:

Press ▶ or ◀ to initiate the search for the next receivable station.

Pressing and holding button ▶ or ◀ results in a fast frequency search until the button is released.

Filter function

You can use this function to filter stations or entire station chains out of the station list.

▶ In the Radio main menu, select Filter.

The Filter menu appears.

▶ Turn the rotary control/push button OK to select one of the following options:

Filter,

Reset or

the stations and station chains which can currently be received.

Switching the filter function on/off

▶ In the Filter menu, select the Filter entry.

▶ Turn the rotary control/push button OK to switch the function on (■) or off (□).

If the function is active (■), only the stations and station chains which have not been filtered out will appear in the FM station lists.

Note:

If the function is not active, the filter settings will continue to be maintained.

Filtering stations

▶ In the Filter menu, select the station chain to be filtered out and press the rotary control/push button OK.
▶ Select the entire station chain entry.
▶ Turn the rotary control/push button OK to switch the function on ( ).

or

▶ Press RADIO.
▶ In the Fast Access menu which appears, select the station chain to be filtered.
▶ Press the rotary control/push button OK until a menu appears.
▶ Select the Filter station chain entry.

The selected station chain no longer appears in the station list.

Filtering stations

▶ In the Filter menu, select the station to be filtered.
▶ Turn the rotary control/push button OK to activate the filter for this station ( ).

or

▶ Press RADIO.
▶ In the Fast Access menu which appears, select the station to be filtered.
▶ Press the rotary control/push button OK until a menu appears.
▶ Select the Filter station entry.

or

▶ To filter the station currently playing, press the rotary control/push button OK in the status display.
▶ Select the Filter entry.
▶ Turn the rotary control/push button OK to activate the filter for this station ( ).

The selected station no longer appears in the station list.

Cancel filtering

Cancel all filters

▶ In the Filter menu, select the Reset entry.

Deleting station chain filters

▶ In the Filter menu, select the station chain to be activated and press the rotary control/push button OK.
▶ Select the entire station chain entry.
▶ Turn the rotary control/push button OK to switch the filter off ( ).

Deleting station filters

▶ In the Filter menu, select the station to be activated.
▶ Turn the rotary control/push button OK to deactivate the filter for this station ( ).

Programme type

Programme type (PTY) is a service offered by many stations within the radio data system (RDS). It can be used to define which specific stations should be displayed with the corresponding programme types in the station list.

▶ In the Radio main menu, select Programme type.

The Programme Type menu appears.

▶ Turn the rotary control/push button OK to select one of the following options:
Programme type,
Reset,
No PTY or
the PTY categories displayed.

Switching the programme type function on/off

▶ In the Programme Type menu, select the Programme type entry.

▶ Turn the rotary control/push button OK to switch the function on ( ) or off ( ).

If the function is active ( ), only the stations with the selected programme types appear in the FM station lists. The programme type of the selected station also appears on the right of the status display.

Note:

If the function is not active, the settings will continue to be maintained.

Selecting the programme type

▶ In the Programme Type menu, select the entry for the required programme type.

▶ Turn the rotary control/push button OK to switch the individual programme types on ( ) or off ( ).

Select Reset in the programme type menu to reset all programme types to off.

Note:

Highlighting Reset and subsequently pressing and holding the rotary control/push button OK, all programme types are reset to on.

All PTY categories are displayed in the Programme Type menu. A greyed-out category indicates that no stations in this category can be received at the current time. However, the category can still be activated/deactivated.

Activate the No PTY entry to add stations which do no transmit any PTY information to the station list display.

Regionalisation

During the transmission time, certain RDS programmes are divided into regional programmes with different programme content.
Switching on regionalisation prevents the Traffic Pro from switching between regional programmes with different content.

▶ In the Radio main menu, select the Regionalisation entry.

▶ Turn the rotary control/push button OK to switch the function on ( ) or off ( ).

Note:

Stations with regional programmes are identified in the station list by (REG).
If you switch the regional function off whilst listening to a regional station, the unit will switch to the associated base station.

Radio text

FM stations supply additional information, e.g. news or information about the current programme, via the RDS data stream. This information can be displayed.

Warning
Accident hazard

Since information transmitted via radio text display varies constantly, we recommend tuning in the radio text only when the vehicle is stationary to avoid unnecessary distraction for the driver. This is a necessary precaution for accident prevention.

▶ In the status display, press the rotary control/push button OK.

The Options menu appears.

▶ Select the Radio text entry.

▶ Press the rotary control/push button OK to activate the function ( ).

The radio text for the current FM station is displayed.

Note:

Unfavourable reception conditions, including interference, can garble or even block the radio text display.

Deactivating radio text

▶ In the status display, press the rotary control/push button OK.
▶ Select the Radio text entry.
▶ Press the rotary control/push button OK to deactivate the function ( ).

Voice entries

You can delete or listen to voice entries assigned to the station. You can also activate or deactivate the voice dialogue for creating new voice entries (see also page 74).

▶ In the Radio main menu, select Voice entries.

▶ Select Read out all entries, Delete all entries or Dialogue for saving.

- Read out all entries
  Select Read out all entries to listen to all voice entries associated with radio stations.
- Delete all entries
  If Delete all entries is selected, a prompt will appear asking you to confirm whether or not all voice entries should actually be deleted.
  Select Yes to delete the voice entries or No to continue without deletion.
- Dialogue for saving
  If the function is active, when a station is stored, an automatic dialogue will appear for assigning a voice entry.
  Turn the rotary control/push button OK to switch the function on (■) or off (□).

Reception optimisation

You can select one of three settings to suppress reception-related interference.

Note:

This setting is irrelevant for the waveband medium wave and short wave.

▶ In the Radio main menu, select Reception optimisation.

▶ Select Automatic, Always stereo or Always mono (on = ■).

Note:

Only one of the entries in the list can be active (■).

- Automatic
  Setting for normal operation, i.e. depending on reception, the unit switches back and forth from stereo to mono (offers the optimum setting for almost all reception areas).
- Always stereo
  Setting for exceptional reception conditions - i.e. the unit is constantly set to stereo.
- Always mono
  Setting for reception situations in which reflections constantly occur; i.e. the unit is constantly set to mono.

Bandwidth control

Bandwidth control can be used to improve station reception in difficult reception areas (station A has a neighbouring station B in its immediate vicinity).

▶ In the Radio main menu, select the Adaptive bandwidth control entry.
▶ Turn the rotary control/push button OK to switch the function on ( ) or off ( ).

Traffic programme

If an RDS station broadcasts traffic announcements, it is possible to interrupt audio mode (CD, MP3, etc.), AM mode or mute mode and to switch to the traffic announcements. Moreover, you can listen to one FM station while receiving traffic announcements transmitted by another FM station.

▶ In the Radio main menu, select Traffic info.

The TP menu appears.
▶ Turn the rotary control/push button OK to select one of the following options:
Traffic info,
Volume,
Station automatic or
the TP stations displayed.

Switching a traffic programme on/off

- ▶ In the TP menu, select the Traffic info entry.
- ▶ Turn the rotary control/push button OK to switch the function on ( ) or off ( ).
- ▶ or
- ▶ In the status display, press the rotary control/push button OK.
- ▶ Select the TP entry.
- ▶ Turn the rotary control/push button OK to switch the function on ( ) or off ( ).

If the TP function is active ( ), the TF symbol appears in the status display to indicate this.

Selecting a TP station

You can specify whether or not you wish to listen to the traffic news on a specific station.

Automatic

- ▶ In the TP menu, select the Station automatic entry.
- ▶ Turn the rotary control/push button OK to switch the function on ( ) or off ( ).

Note:

When you activate the function, the Traffic Pro will select the station you are currently listening to as the TP station. If this station does not transmit traffic programmes or reception is poor, another station will be selected from the station list.

Manual TP station selection

- ▶ In the TP menu, select the station on which you wish to listen to traffic news.
- ▶ Turn the rotary control/push button OK to activate the station as the TP station ( ).

or

- ▶ Press RADIO.
- ▶ In the Fast Access menu which appears, select the required TP station.
- ▶ Press the rotary control/push button OK until a menu appears.
- ▶ Select the Set as TP station entry.

Note:

If the TP station can no longer be received, the Traffic Pro will activate automatic TP station selection.
This will remain active until the selected TP station becomes available again.

TP volume

You can use this function to control the increase in volume for traffic announcements.

▶ In the TP menu, select the Volume entry.

▶ Turn the rotary control/push button OK to select the required value.

Notes:

- A setting of “0” indicates no increase in volume.
- A setting of “10” indicates a significant increase in volume.

Cancelling traffic announcements

You can cancel the reception of traffic announcements.

The following display appears during a traffic announcement.

▶ Press the rotary control/push button OK.

or

▶ Press ⮌.

Traffic announcements are cancelled.

AM mode

AM mode combines the two wavebands AM and Short wave.

Possible settings for AM stations

A number of possible settings may be made for selecting stations in AM mode:

- Tuning via scan search. See “Scan search” on page 70.
- Scan function. See “Scan function” on page 70.
- Via the station memory. See “Station memory” on page 71.

Scan search

▶ In the status display, press ▶ or ◀.

or

▶ Turn the rotary control/ push button OK.

Press ▶ to search for the next station in ascending frequency order.

Press ◀ to search for the next station in descending frequency order.

Scan function

All stations which can be received are scanned briefly to enable you to select the one you require.

▶ In the status display, press and hold down ▶ or ◀.

or

▶ In the status display, press the rotary control/push button OK.

The Options menu appears.

▶ Select the Scan entry.

▶ Press the rotary control/push button OK to activate the function ( ).

The stations which can be received are scanned briefly in descending/ascending frequency order.

Note:
If the station memory is active and an AM station is selected, then only stations which have not yet been stored are played when using the scan function.

Aborting the scan function

▶ In the status display, press ▶ or ◀.

or

▶ Turn the rotary control/ push button OK.

or

▶ In the status display, press the rotary control/push button OK.

The Options menu appears.

▶ Select the Scan entry.

▶ Press the rotary control/push button OK to deactivate the function ( ).

The station currently being scanned is set permanently and the scan function is aborted.

Station memory

Up to 20 FM, medium wave and short wave stations can be stored in the station memory.

Calling up the station memory

▶ In the Radio main menu, select Waveband.

▶ In the Waveband menu, select the Station memory entry.

The stations stored so far are displayed in the fast access station memory.

Storing stations

You can store the current station if you are already in the station memory or if a different waveband has been selected.

Notes:

- If all 20 memory slots are occupied and a new station is added, the 20th station is deleted from the station memory without warning.
- If a voice entry has been assigned to a station, this is indicated by the symbol in front of the name of the station.
- A station can only be stored once in the memory.

Different waveband set

▶ In the Fast Access menu (not for AM waveband), select the station to be stored.

▶ Press the rotary control/push button OK until a menu appears.

▶ Select the Save station entry.

or

▶ In the status display, press the rotary control/push button OK.

The Options menu appears.

▶ Select the Save entry.

In both cases, the station memory will be displayed. The station to be stored appears as the first entry in the list and is identified by an arrow.

- ▶ Turn the rotary control/push button OK to select the required memory position.
- ▶ Confirm the memory position by pressing the rotary control/push button OK.

Depending on the setting in "Voice entries" on page 66, the procedure for saving a voice entry for the station stored will now start.

The station is now stored in the station memory.

Station already in memory

The station to be stored is already set and you are in station memory fast access mode.

- ▶ Turn the rotary control/push button OK to select the position in the memory list in which the station to be stored is to be stored.
- ▶ Press the rotary control/push button OK until a menu appears.

- ▶ Select the Save current station here entry.

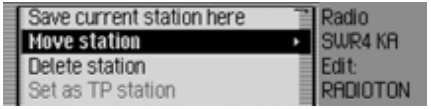
The station is now stored in the station memory.

Depending on the setting in "Voice entries" on page 66, the procedure for saving a voice entry for the station stored will now start.

Moving stations

You can move the position of a station stored in the station memory.

- ▶ Turn the rotary control/push button OK to select the memory to be moved.
- ▶ Press the rotary control/push button OK until a menu appears.



- ▶ Select the Move station entry.

The station to be moved is marked with an arrow.

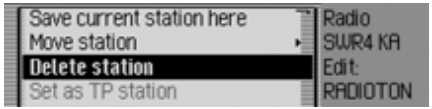
- ▶ Turn the rotary control/push button OK to select the required memory position.
- ▶ Confirm the memory position by pressing the rotary control/push button OK.

Deleting stations

You can delete a station stored in the station memory.

Fast access mode

▶ Turn the rotary control/push button OK to select the station to be deleted.
▶ Press the rotary control/push button OK until a menu appears.



▶ Select the Delete station entry.
The selected station is deleted.

Note:

If a voice entry has been assigned to the deleted station, it will also be deleted.

Status display

▶ In the status display, press the rotary control/push button OK.
The Options menu appears.
▶ Select the Delete entry.

The station is deleted from the station memory.

Naming stations

You can assign a user-defined name of up to 8 characters in length to a stored station.

▶ Turn the rotary control/push button OK to select the station to be named.
▶ Press the rotary control/push button OK until a menu appears.

▶ Select the Name station entry.

▶ Select the letters in the required name one after the other and confirm the name entered.

Note:

Please also refer to the description in “Data entry menus” on page 13.

The station named now appears in the station memory (also in other wave-bands) with the name entered.

Creating/Deleting voice entries

You can create a voice entry/delete an existing voice entry for a station stored in the station memory.

Create

Note:

If a voice entry has already been assigned to this station (symbol) and you wish to change it, you must first delete it before assigning a new entry.

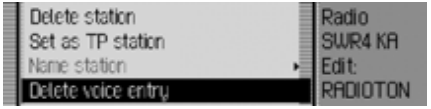
- ▶ In fast access mode, turn the rotary control/push button OK to select the station for which you wish to create a voice entry.
- ▶ Press the rotary control/push button OK until a menu appears.

- ▶ Select the Create voice entry entry.

The procedure for saving a voice entry is launched.

Deleting

- ▶ In fast access mode, turn the rotary control/push button OK to select the station for which you wish to delete a voice entry.
- ▶ Press the rotary control/push button OK until a menu appears.



- ▶ Select the Delete voice entry entry.

A prompt appears for you to confirm if the voice entry should really be deleted.

- ▶ Select Yes to delete the voice entry or No to continue without deletion.

Reading out voice entries

You can listen to the voice entry for a station stored in the station memory.

- ▶ In fast access mode, turn the rotary control/push button OK to select the station for which you wish to listen to a voice entry.
- ▶ Press the rotary control/push button OK until a menu appears.

- ▶ Select the Read out voice entry entry.

The voice entry is read out.

Media mode includes all sources on the Traffic Pro which can be used to play back audio or MP3 media.

Activating media mode

▶ Press MEDIA.
The last source active in media mode is activated if possible.

or

▶ Insert an audio CD or MP3 CD.
The Traffic Pro will start to play the inserted CD.

or

▶ Insert a micro-drive/memory card containing audio/MP3 tracks into the designated slot.

The Traffic Pro will start to play the tracks on the micro-drive/memory card inserted.

In all three cases, the media fast access functions will appear on the display briefly.
The display will then switch to the status display.

Media fast access functions

The media fast access function displays a list of available CDs and directories for selection.
The following description assumes that you are in the status display.

▶ Press MEDIA.

The media fast access function appears.
▶ Turn the rotary control/push button OK to select the required medium/source and press the rotary control/push button OK.

Notes:

- In fast access mode, the individual CDs, memory cards, sources and directories available are identified by the following symbols:
  indicates a CD in the internal drive. SCD stands for Single CD.
  indicates memory cards.
  indicates a CD in the CD changer.
  indicates AUX source.
  indicates directories.
- If for example there is only one audio CD in the internal drive, in fast access mode, the tracks on that CD are displayed immediately.
- Press and hold down CD to display the full names (if available) of the individual entries in fast access mode. For a directory, the number of tracks and total playback time are also displayed.

Note:

Once the last track on a CD/in a directory has been played, if possible, the next track played by the Traffic Pro will be the first track in the next directory/on the next CD. If no other tracks are available, the first track in the current directory/on the current CD is played.

The required CD, micro-drive/memory card, source or directory is called and, if available, the name of the track on the CD or in the directory is displayed.

▶ Turn the rotary control/push button OK to select the required track and press the rotary control/push button OK.

The selected track is played.

Notes:

Press and hold CD to display the full names (if available) of the track entries in fast access mode.

The track number and the length of the track will also be displayed.

Information on the medium on which the current track is stored will also be shown. If a CD name or directory name is available, it will be displayed.

The total number of tracks on the CD/directory and the total playing time will also be displayed.

The track lengths of tracks which have not yet been played back are estimated on the basis of a bit rate of 128 kbit/s.

Media status display

The media status display is the "standard display" for audio mode. All relevant data for audio mode appears in the status display.

This includes the following information:

- Type of medium (CD, CD changer and micro-drive/memory card)
- Type of track (audio or MP3)
- Status of scan function, track mix, etc.
- Next and previous track
- Playback time

The example shows the status display for MP3 media on a memory card.

Track jump/Track skip

▶ Press ▶ to select the next track or ◀ to select the previous track.

or

▶ Turn the rotary control/push button OK to select the required track.

Notes:

- You can also select tracks in fast access mode. See “Media fast access functions” on page 75.
- If the current track has only been playing for approximately 10 seconds when track jump is selected, the unit will jump immediately to the previous track.
  If the current track has been playing for longer than 10 seconds, the unit jumps to the beginning of the current track.

Note:

If track skip reaches the first or the last track in a directory or on a CD, the unit skips to the first or the last track in the current directory or on the CD.

Fast forward/rewind

You can start audible fast forward/rewind.

Notes:

Forward/ reverse is not audible for MP3 tracks.

Forward

▶ Press ▶ until you reach the required point.
▶ Release ▶.
Playback will continue at normal speed.

Rewind

▶ Press ◀ until you reach the required point.
▶ Release ◀.
Playback will continue at normal speed.

Play mode

Play mode includes functions such as track mix (random play function), the scan function and the repeat function.

Calling up the Play Mode menu

▶ In the media status display, press the rotary control/push button OK.

The Options menu appears.

▶ Turn the rotary control/push button OK to select Playmode and press the rotary control/push button OK.

The Play Mode menu appears.

Turn the rotary control/push button OK to select one of the following options:

normal order,
Track mix,
Scan,
Repeat track,
if an MP3 CD or a CF card with several directories is the active source then Directory mix,
if the currently active source is the CD changer:
CD mix or
Repeat CD

Press the rotary control/push button OK to switch the individual functions on (■) or off (▯).

Notes:

- Only one of the functions can be switched on (■).
- Select normal order to delete any other function which might have been activated and play back the tracks in the normal sequence.

Track mix (random play function)

Activate the function to play back all tracks in the current directory/on the current CD in random sequence.

▶ Turn the rotary control/push button OK to select the Track mix entry in the Play Mode menu.

▶ Press the rotary control/push button OK to switch the function on (■) or off (▯).

Notes:

Press ▶ or ◀ to play the next random track. If the current track has been playing for longer than 8 seconds when ◀ is pressed, the unit jumps to the beginning of the current track.

Scan

If the function is activated, all tracks in the current directory or on the current CD are played back for approx. 10 seconds.

- ▶ Turn the rotary control/push button OK to select the Scan entry in the Play Mode menu.
- ▶ Press the rotary control/push button OK to switch the function on (■) or off (□).

Notes:

The function is also aborted by pressing ▶ or ◀. The track currently playing back then continues.

Repeat track

Activate the function to repeat the current track continuously.

- ▶ Turn the rotary control/push button OK to select the Repeat track entry in the Play Mode menu.
- ▶ Press the rotary control/push button OK to switch the function on (■) or off (□).

Notes:

Press ▶ or ◀ to play the next track and deactivate the function. If the track has been playing for longer than 8 seconds when ◀ is pressed, the unit jumps to the beginning of the track. The function then remains activated.

CD mix

Notes:

The function is only available if the CD changer is the active source.

Activate the function to play all tracks on the various CDs one after the other in random sequence.

- ▶ Turn the rotary control/push button OK to select the Repeat CD entry in the Play Mode menu.
- ▶ Press the rotary control/push button OK to switch the function on (■) or off (□).

Notes:

Press ▶ or ◀ to play the next random track. If the current track has been playing for longer than 8 seconds when ◀ is pressed, the unit jumps to the beginning of the current track.

Repeat CD

Notes:

The function is only available if the CD changer is the active source.

Activate the function to repeat the current CD continuously.

▶ Turn the rotary control/push button OK to select the Repeat CD entry in the Play Mode menu.

Press the rotary control/push button OK to switch the function on ( ) or off ( ).

Directory mix

Notes:

This function is only available if an MP3 CD or a CF card with directories is the current audio source.

Activate the function to play all tracks on the various directories one after the other in random sequence.

▶ Turn the rotary control/push button OK to select the Directory mix entry in the Play Mode menu.

Press the rotary control/push button OK to switch the function on ( ) or off ( ).

Notes:

Press ▶ or ◀ to play the next random track. If the current track has been playing for longer than 8 seconds when ◀ is pressed, the unit jumps to the beginning of the current track.

Calling up the Media main menu

You can make settings for media mode in the Media main menu.

The following description assumes that you are in the status display.

▶ Press MEDIA twice in succession.

or

▶ Press MEDIA.

You are now in media fast access mode.

▶ Select the Media menu entry.

The Media main menu appears.

Switching detailed track display on/off
If detailed track display is activated, a previously abbreviated track name/ID3 tag is displayed in full, if possible.

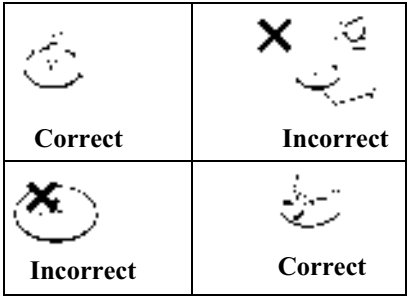
▶ In the Media main menu, select the Detailed track display entry.

▶ Turn the rotary control/push button OK to switch the function on ( ) or off ( ).

CD mode

Notes on compact discs (CD)

Sound interruptions may occur if the CD is soiled. In order to ensure the highest tone quality, please note the following:



- Always touch the CD at the edges only. Keep the disc clean and never touch the surface.
- Never stick anything on the CD.
- Protect the CDs against direct sunlight and from heat sources such as heaters etc.
- Before playing the CD, it should be cleaned with a special, commercially available cleaning cloth, wiping from the centre outwards. Solvents such as benzene, thinners or other commercially available cleaners and anti-static sprays must not be used.

Notes:

- The Traffic Pro cannot play back DVD-plus media (one side audio CD, the other DVD).
  Due to its increased thickness, inserting a DVD-plus may damage the Traffic Pro.
- Please note that foreign bodies such as coins or other objects must not be inserted into the CD slot on the Traffic Pro.
  Foreign bodies in the unit can damage the Traffic Pro.

Inserting/Ejecting CDs

Insertion

▶ Insert the disc into the CD slot with the printed side up.

The unit pulls in the CD automatically and begins to play the disc from the first track.

Ejecting

▶ Press ⏏.

The CD is ejected.

▶ Remove the CD.

Notes:

- The CD is not ejected when the unit is switched off but remains in the CD slot.
- If, once it has been ejected, the CD is not removed from the CD slot, it will be pulled back in after a short time.

Notes on CD-R and CD-RWs

You can play CD-Rs (writeable CDs) and CD-RWs (rewriteable CDs) on this unit. However, please comply with legal restrictions. These restrictions may vary from one country to another.

Depending upon the recording device used to record the CD-R/CD-RW or the state of the CD-R/CD-RW itself, it may not be possible to play some CD-Rs/CD-RWs on this unit.

A CD-R/CD-RW must be manufactured according to the “Red Book” standard (not applicable for MP3 CDs).

Notes on copy-protected CDs

In some cases, problems may arise when attempting to play copy-protected CDs, such as long reading times or a total inability to perform playback.

Temperature protection circuit

A temperature protection circuit in the Traffic Pro protects the laser diode from excessive heat.

If this protection circuit is triggered, a warning message will appear and a signal tone will sound.

The internal CD drive will then be disabled until a cooling down phase has elapsed.

MP3 mode

General notes on MP3

The music that can be played when your unit is in MP3 mode is generally copyright-protected under applicable international and national laws. In several 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 naturally do not apply to your own compositions and recordings, or for recordings for which authorisation has been obtained from the copyright holder.

Creating an MP3 storage medium

- A maximum of 63 folders, each of which can contain up to 50 tracks, can be stored on a storage medium. However, a maximum of 1000 tracks per medium are supported. If a folder contains more than 50 tracks, a second folder will be created automatically which can also contain up to 50 tracks. Only folder names with 45 characters or fewer can be displayed. Only track names with 63 characters or fewer can be displayed.
- Only MP3 tracks stored on a storage medium in compliance with ISO 9660 can be played.
- If the artist's name and track title are to be displayed, an ID3 tag must be added to the MP3 file. This unit supports versions ID3v1 and ID3v2.
  The ID3 tag can only be displayed if the corresponding track is being played. The file name appears first (trackname.MP3).
- The display of artist's name and track title is restricted to a total maximum length of 63 characters.
- The MP3 formats MPEG1 and MPEG2 Layer3 are supported by the unit.
  Fixed and variable bit rates of 8 - 320 kbps and scan rates of 16-48 kHz are supported. We recommend the use of the Fraunhofer MP3 Encoder when creating MP3 files.
- We recommend a bit rate of at least 160 kbps for compressing MP3 files. It should be noted that with MP3 files having a variable bit rate, the display of the elapsed playing time may deviate from real time.
- In the case of a mixed-mode medium (partly conventional audio tracks and partly data), only the audio tracks are played back. The data part is not played back, even if MP3 tracks are included.

For further information about creating MP3 files and ID3 tags, please consult your dealer or check on the Internet.

Note:

Due to the abundance of different kinds of CD burning software and their associated settings we cannot guarantee the playback quality of MP3 CDs and/or micro-drive/storage cards.

MP3 CD mode

The following points, described in "CD mode" on page 81 apply to MP3 CD mode:

- "Notes on compact discs (CD)" on page 81.
- "Inserting/Ejecting CDs" on page 82.
- "Notes on CD-R and CD-RWs" on page 82.
- "Temperature protection circuit" on page 82.

MP3 memory cards/ Micro-drive mode

Note:

- Micro-drives with a capacity of up to 4 GB can be used.
- Type 1 and type 2 CF cards can be used as memory cards. Memory cards up to a capacity of 4 GB can be used.
- Please note that the storage medium was formatted with the FAT 16 file system.
- Short file names are displayed (8 characters and 3 characters for file extension).

Inserting a micro-drive/memory card

The slot for micro-drive/memory cards is located underneath the removable control panel on the Traffic Pro or underneath the cover.

- ▶ Remove the control panel as described in “Removing/Inserting the control panel” on page 15.
- ▶ Remove the cover as described in “Inserting/Removing the cover” on page 16.
- ▶ Insert the micro-drive/memory card into the visible slot on the right-hand side.

Notes:

The memory card/micro-drive can only be inserted in one direction. The reverse of the memory card/micro-drive points to the left.

- ▶ Push the micro-drive/memory card carefully into the slot.

This pushes the eject button located above and to the left of the slot outwards.

- ▶ Reinsert the cover as described in “Inserting/Removing the cover” on page 16.
- ▶ Reinsert the control panel as described in “Removing/Inserting the control panel” on page 15.

The micro-drive/memory card is now ready for operation and, if MP3 tracks appear on the micro-drive/memory card, the first track in the first directory is played automatically.

If the content of the micro-drive/memory card has not been changed since it was last inserted, playback begins with the last track played.

Removing a micro-drive/memory card

- ▶ Remove the control panel as described in “Removing/Inserting the control panel” on page 15.
- ▶ Remove the cover as described in “Inserting/Removing the cover” on page 16.
- ▶ Press the eject button located to the top left of the slot.
- ▶ The micro-drive/memory card is pushed forwards out of the slot.
- ▶ Pull the micro-drive/memory card out of the slot.
- ▶ Reinsert the cover as described in “Inserting/Removing the cover” on page 16.
- ▶ Reinsert the control panel as described in “Removing/Inserting the control panel” on page 15.

CD changer mode

The following points, described in “CD mode” on page 81 apply to CD changer mode:

- “Notes on compact discs (CD)” on page 81.
- “Notes on CD-R and CD-RWs” on page 82.

Operational readiness of CD changer

If a CD changer is connected to the Traffic Pro, it will be ready for operation as soon as the CD magazine, loaded with CDs, is inserted. Close the sliding cover after loading. All further operation is performed from the Traffic Pro control panel.

Loading/Ejecting the CD magazine

To eject the CD magazine, open the sliding cover on the changer and press the eject button. The magazine is ejected and can be removed.
When inserting CDs into the magazine, please note the instructions printed on the magazine.

Attention:

Incorrectly inserted CDs will not be played.

Note:

To allow for the fastest possible change of CDs, the magazine should be loaded successively, beginning with compartment 1.

External units/AUX mode

You can call up units connected externally to the Traffic Pro as described in “Media fast access functions” on page 75.
However, AUX mode must be activated as described in “External device” on page 131.

The external unit cannot be operated. You can only make volume and noise settings for this source.

Below, you will find information on operating a mobile phone with *Bluetooth*® wireless technology, connected to the Traffic Pro.

Notes:

- The Traffic Pro can operate a mobile phone equipped with *Bluetooth*® wireless technology. We support the *Bluetooth*® wireless technology profile HFP1.0. Mobile phones without *Bluetooth*® wireless technology cannot be operated.
- It is possible that some of the functions described are not available with some mobile phones equipped with *Bluetooth*® wireless technology.
  The Internet page www.becker.de contain additional informations.
- If your mobile telephone is connected to the Traffic Pro and the Traffic Pro is switched off (ignition is still switched on or the ignition key is in the radio position), the Traffic Pro is activated by an incoming call.

Notes:

- The call lists and fast access entries described below always only apply to the time during which the mobile phone, equipped with *Bluetooth*® wireless technology, was connected to the Traffic Pro. The entries in the call lists of the Traffic Pro are not synchronised with the call lists on the mobile phone.
- The Traffic Pro cannot access the mobile phone's number memory or the SIM card. However you can import address book entries from the mobile phone, as described in "Importing an address book entry*" on page 110.
- It is only possible to display the name of a caller if the caller is listed in the address book on the Traffic Pro.

Warning
Risk of injury
Please ensure that you keep the mobile phone in an appropriate, safe holder. Only then can injuries be prevented in the event of an accident or due to sudden braking.

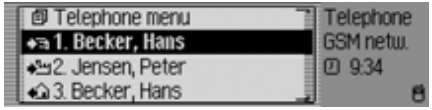
*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Calling up the telephone

Note:

To call up telephone mode directly, it is essential that Bluetooth has been activated and that the device is connected to a mobile phone with *Bluetooth*® wireless technology. This is described in "Bluetooth*" on page 115.

▶ Press TEL.



Telephone mode is activated.
The telephone mode fast access functions are displayed.
In fast access mode the last 20 numbers or names which have been dialled, answered or rejected will be displayed in chronological order.
Further information on fast access can be found under "Fast access telephone functions" on page 98.

***Bluetooth* not yet switched on**

If *Bluetooth* has not been switched on when you try to call up telephone mode, you will be shown the following message.

▶ Press the rotary control/push button OK.
▶ Switch on the *Bluetooth* function as described in "Activating/ deactivating Bluetooth*" on page 122.

***Bluetooth* mobile phone not yet connected**

If the mobile phone has not been connected when you try to call up telephone mode, the following message is displayed.

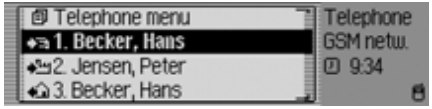
You will see a list containing all the previously connected devices and the entry Look for telephone.
If No BT devices is displayed in the list, or if the device to be connected is not displayed, select the Look for telephone entry to search for the device.
This is also described in "Searching for Bluetooth devices*" on page 122.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

▶ Select the device to be connected from the list.
▶ Press the rotary control/push button OK.

Then proceed as described in “Connecting devices (Traffic Pro)*” on page 118.

The telephone mode fast access functions are displayed after the mobile phone has been connected successfully.



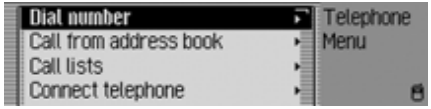
Calling up the Telephone main menu

In the Telephone main menu, you can enter/ select telephone numbers, call up the call lists, connect a telephone, call the emergency services and call up the telephone settings.

Note:

To call up the telephone main menu directly it is essential that *Bluetooth* has been activated and that the mobile phone is connected to *Bluetooth*® wireless technology. This is described in “Bluetooth*” on page 115.

▶ Press TEL twice in succession.
or
▶ Press TEL.
The Fast Access menu appears.
▶ Select the Telephone menu entry.



The Telephone main menu appears.

▶ Turn the rotary control/push button OK to select between
Dial number,
Call from address book,
Call lists,
Connect telephone,
Emergency call and
Setting.
▶ Confirm your selection by pressing the rotary control/push button OK.
The desired function is called up.

- Dial number
  Accesses the input menu for a telephone number. See “Dialling numbers” on page 90.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

- Call from address book
  You can select a telephone number from the address book. See “Selecting a number from the address book” on page 91.
- Call lists
  You can obtain a display of the call lists for missed calls, answered calls and numbers dialled. See “Call lists” on page 92.
- Connect telephone
  You can connect a telephone via *Bluetooth*® wireless technology or start a device search. The operating procedure is the same as described in “Bluetooth mobile phone not yet connected” on page 88.
- Emergency call
  You can establish a connection to the “112” emergency number. See “Emergency call” on page 93.
- Setting
  You can select call answering settings as well as settings for automatic activation of voice mode. See “Settings” on page 94.

Dialling numbers

Use this function to enter a telephone number and to call this number.

▶ In the Telephone main menu, select the entry Dial number.

The input menu for the telephone number appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the digits in the desired telephone number, one after the other.

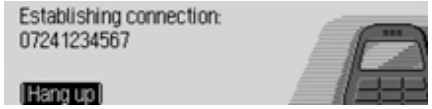
Note

Select the ← symbol to delete the last character in the entry.
Please also refer to the description in “Data entry menus” on page 13.

Establishing a connection:

▶ In the input menu, select the Dial entry.
or
▶ press the rotary control/push button OK and hold for at least 2 seconds.

The Traffic Pro indicates that a connection is being established by displaying the following message.



Press the rotary control/push button OK to abort the call.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

If the person called answers the telephone the Traffic Pro switches to the status display for active telephone calls.

Note:

If the number called is busy, the following message appears:

▶ Press the rotary control/push button OK.

Selecting a number from the address book

Use this function to select a telephone number from an address book and to call this number.

▶ In the Telephone main menu, select the entry Call from address book.

The address book entries which have a telephone number are displayed.

Note:

If there are more than 9 entries in the address book, for which one or more telephone numbers are stored, the data entry menu for locating the required name appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the desired entry.

If several telephone numbers have been saved in the address book entry the following appears on the display.

Note:

Up to three telephone numbers are displayed and marked with different symbols:

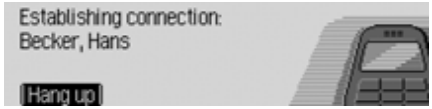
stands for the mobile number.
stands for the business number.
stands for the private number.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the desired number.

The connection will be established.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

The Traffic Pro indicates that a connection is being established by displaying the following message.

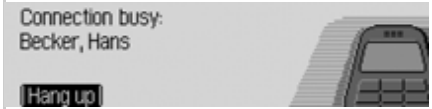


Press the rotary control/push button OK to abort the call.

If the person called answers the telephone the Traffic Pro switches to the status display for active telephone calls.

Note:

If the number called is busy, the following message appears:



▶ Press the rotary control/push button OK.

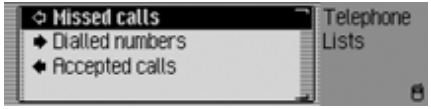
Call lists

You can obtain a display of the call lists for missed calls, answered calls and numbers dialled.

Notes:

- The call lists described below always only apply to the time during which the mobile phone was connected to the *Bluetooth*® wireless technology with the Traffic Pro. The entries in the call lists of the Traffic Pro are not synchronised with the call lists in the mobile phone.
- It is only possible to display the name of a caller if the caller is listed in the address book of the Traffic Pro.
- The lists are limited to a maximum of 20 entries.
- If a number is not known it will appear in the list as Unknown.

▶ In the Telephone main menu, select Call lists.



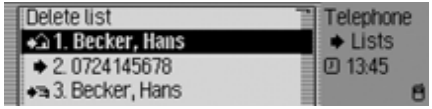
▶ Turn the rotary control/push button OK to select between
Missed calls,
Dialled numbers and
Accepted calls.

▶ Confirm your selection by pressing the rotary control/push button OK.

The desired list is called up.

- Missed calls
  In this list you will find calls which you missed or which you rejected.
- Dialled numbers
  In this list you will find calls which you made yourself.
- Accepted calls
  In this list you will find calls which you answered.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.



In the right-hand section of the display you can see the time of the entry for the various entries in the list.
The date will be displayed if the entries are older.

Calling a number from the list

▶ Select the list entry you wish to call.
▶ Press the rotary control/push button OK.

A connection will be established to the desired number.

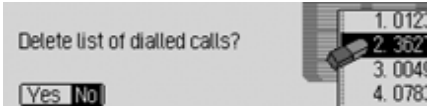
Retrieving information about the entry

▶ Select the list entry on which you wish to receive more information.
▶ Press and hold until the information appears.
▶ Press to return to the list.

Deleting a call list

You can delete the entire call list.

▶ Select Delete list in the call list to be deleted.



▶ Select Yes (delete) or No (do not delete).

If you select Yes, the call list will be deleted.

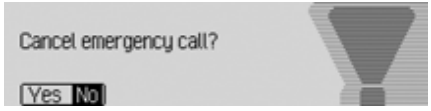
Emergency call

The function makes it possible to establish a connection to the emergency services number “112”.

Note:

In order to trigger an emergency call, the mobile phone must be switched on, connected to the Traffic Pro and the reception must be adequate.
Harman/ Becker cannot generally be held liable for the emergency call function.

▶ In the Telephone main menu, select Emergency call.



▶ Select Yes (start emergency call) or No (do not start emergency call).

If you select Yes, the emergency call will be triggered.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Following initiation of the emergency call, the following information is displayed in the status bar.

After the emergency call has been made, you can end the call as described in “Ending a call” on page 96.

Note:

A query as to whether you wish to start an emergency call will be shown, even if you dial the emergency services number “112” directly.

Settings

In the settings section you can activate/ deactivate the “Automatic call answering” and “Dialogue with call” functions.

▶ In the Telephone main menu, select Setting.

▶ Turn the rotary control/push button OK to select between
Auto. call answering and
Dialogue for calls.

▶ Turn the rotary control/push button OK to switch the required function on ( ) or off ( ).

Automatic call answering

When the function ( ) is active, incoming calls will automatically be answered after approx. 5 seconds.
You therefore do not have to answer the call.

Note:

When the function ( ) is active, the settings under Dialogue with call will be ignored.

Dialogue with call

If the function ( ) is active, a voice mode dialogue will automatically be activated to answer an incoming call.

Note:

The “Automatic call answering” function ( ) must be switched off so that the dialogue can start when the ( ) function has been activated.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Telephone calls

Below, you can find information on the operating options available to you during an active telephone call.

Status display

The status display appears automatically during an active telephone call.

The status display shows the following information:

- Top left GSM netw., to indicate that the Telephone status display is active.
- A telephone symbol will be displayed in the centre left and, if available, the name of the caller/ the person you are calling. If the name is not available the number will be displayed. If the number has not been transmitted Unknown will be displayed.
- The name of the telephone currently connected will be displayed at the bottom left.
- The length of the call will be shown on the centre right of the display.
- The strength of the received telephone signal is displayed at the bottom right, if available.

Press ▭ to switch to the status display for radio mode or media mode. You can also switch to the navigation status display if route guidance is active.

Accepting/ rejecting a call

You can accept or reject incoming calls.

Accepting a call

The Traffic Pro announces an incoming call by means of a signal tone and the following display.

Note:

If the “Call waiting” function is active on the mobile phone the same signals are used to indicate that another call is waiting if a call is already taking place. If you accept the call the previous call will be ended without a query being made.

▶ Select the Accept entry and press the rotary control/push button OK.

The call will be accepted and the status display will be shown.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Note:

Selecting Mute deactivates the signal tone and the previously active source, radio or media, will be reactivated. However the call will be indicated until the caller ends the call.

Rejecting a call

You can reject an incoming call. The person calling will hear a busy signal.

▶ Select the Reject entry and press the rotary control/push button OK.

The call will be rejected. The status display of the previously active radio or media source will be shown.

Ending a call

Active calls can be terminated. For this purpose, status display must be first be accessed.

▶ Press the rotary control/push button OK.

The Options menu appears.

▶ Select the Hang up entry.

▶ Press the rotary control/push button OK.

The call is terminated.

Options menu

The Options menu can be displayed during an active call. You can end the call, send DTMF tones or divert the call to the mobile phone.

▶ In the Telephone status display, press the rotary control/push button OK.

The Options menu appears.

▶ Turn the rotary control/push button OK to select between
Hang up,
DTMF and
Private.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

End call
Select Hang up in the Options menu to end the active call. See “Ending a call” on page 96.

DTMF
So-called DTMF dialling tones can be transmitted. For example, these tones are required to retrieve information from an answering machine.

▶ Open the Options menu.

▶ Select the DTMF entry.

▶ Enter the required sequence of numbers by turning and pressing the rotary control/push button OK.

The entries must not be confirmed. The individual DTMF tones will be sent immediately after selection.

▶ Press ⇦ to exit the input menu.
or
▶ In the input menu, select the OK symbol.

Private
You can divert calls received via Traffic Pro to the mobile phone. The hands-free unit is then deactivated.

Notes:

- With some mobile phones, the connection from the mobile phone to the Traffic Pro will be interrupted when this function is activated. If this is the case you will have to reconnect the mobile phone to the Traffic Pro as described in “Connecting and disconnecting devices*” on page 117.
- If, at the end of the call, the function Private was activated, it will be deactivated again for the next call.

▶ Open the Options menu.
▶ Select the Private entry.
▶ Press the rotary control/push button OK to switch the function on (■) or off (□).

Fast access telephone functions

In fast access mode the last 20 numbers or names which have been dialled, answered or rejected will be displayed in chronological order.

Notes:

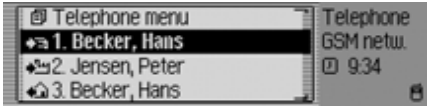
The fast access entries have been given symbols (the symbols are displayed in following order – number not in memory, mobile phone number, business number, private number).

- The symbols , , and stand for answered calls.
- The symbols , , and stand for rejected calls.
- The symbols , , and stand for outgoing calls.

You may:

- Call numbers and names listed in fast access mode directly.
- Protect the fast access entries, i.e. the entry will not be deleted when the maximum number of entries is reached. The oldest unprotected entry will be deleted.
- Delete individual fast access entries.
- Delete the entire fast access list.
- Save an entry from the fast access list in the address book.

▶ Press TEL.



▶ The telephone fast access function appears.

Direct calling

▶ Call up the telephone fast access function.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required number or name from the list.

The call connection to the required person will be started immediately.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Protecting an entry

- ▶ Call up the telephone fast access function.
- ▶ Select the entry to be protected.
- ▶ Press the rotary control/push button OK until a menu appears.
- ▶ Select the Protect entry entry.
- ▶ Switch protection on ( ) or off ( ) by pressing the rotary control/push button OK.

Protected entries are identified by the symbol.

Note:

A protected entry is only protected from being deleted in fast access mode. However, you can delete this protected entry individually, and it will also be deleted when the complete list is deleted.

Deleting an entry

- ▶ Call up the telephone fast access function.
- ▶ Select the entry to be deleted.
- ▶ Press the rotary control/push button OK until a menu appears.
- ▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the Delete entry entry.

The entry is deleted from the fast access list.

Deleting a list

- ▶ Call up the telephone fast access function.
- ▶ Press the rotary control/push button OK until a menu appears.
- ▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the Delete list entry.

- ▶ When the prompt appears, select Yes to delete the list or No to retain it.

If you select Yes the list will be deleted in the fast access function.

Saving a number in the address book

▶ Call up the telephone fast access function.
▶ Select the entry to be saved.
▶ Press the rotary control/push button OK until a menu appears.
▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the Save in address book entry.

▶ Turn the rotary control/push button OK to select between
Create new entry and
Amend entry.
▶ Confirm your selection by pressing the rotary control/push button OK.

- Create new entry
  Select this option to create a new entry in the address book.
- Amend entry
  Select this option to add the current number to an existing entry in the address book.

Creating a new entry

▶ Select the Create new entry entry.

▶ Turn the rotary control/push button OK to select between
Mobile tel.,
Business tel. and
Private tel..
▶ Confirm your selection by pressing the rotary control/push button OK.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter in the surname one after the other.

Note:

Please also refer to the description in “Data entry menus” on page 13.

▶ Select the OK symbol from the input menu.
or
▶ press the rotary control/push button OK and hold for at least 2 seconds.
The entry is adopted.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter in the first name one after the other.
▶ Select the OK symbol from the input menu.

or

▶ press the rotary control/push button OK and hold for at least 2 seconds.

The address book entry appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the Save entry.

A confirmation that the entry has been saved appears.

▶ Press the rotary control/push button OK.

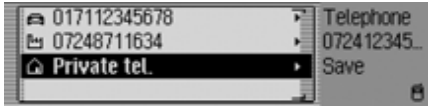
Adding data to entries

▶ Select the Amend entry entry.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the entry to which you wish to add data.

Note:

If there are more than 10 entries in the address book, the input menu for locating the required name appears.



▶ Turn the rotary control/push button OK to select between
Mobile tel.,
Business tel. and
Private tel..
▶ Confirm your selection by pressing the rotary control/push button OK.

A confirmation that the entry has been saved appears.

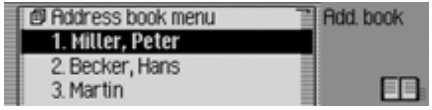
▶ Press the rotary control/push button OK.

Address book

You can store complete addresses with telephone numbers and other information in the address book. You can set up address book entries so that navigation to the selected address can be started directly from the address book. The address book then also serves as a destination memory for navigation.

Calling up the address book

▶ Press NAME.



The address book is called up.
The address book fast access list appears.
The last 20 address book entries used in the address book appear here.

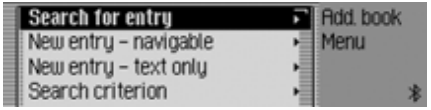
Note

Any address book entries to which route guidance was started via the navigation system will not appear in the fast access list.

Calling up the Address Book main menu

You can create new entries, find entries and make voice entries in the Address Book main menu.

▶ Press NAME twice in succession.
or
▶ Press NAME.
The Fast Access menu appears.
▶ Select the Address book menu entry.



The Address Book main menu appears.

Creating an entry

▶ In the Address Book main menu, select the New entry – text only entry.

You are prompted to enter a surname.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter one after the other.

Note

Select the ⚙ symbol to delete the last character in the entry.
Please also refer to the description in “Data entry menus” on page 13.

Accept entry:

▶ In the data entry menu, select the [OK] symbol.

or

▶ Press the rotary control/push button OK and hold it down for at least 2 seconds.

You are prompted to enter a first name.

Note

If you do not wish to enter a surname or first name, select the [OK] symbol in the data entry menu or press the rotary control/push button OK and hold it down for at least 2 seconds.
However, a name must be stored with the entry (first name or surname).

▶ Enter a first name in the same way as a surname.

You can now enter additional data:

▶ Turn the rotary control/push button OK to select one of the following options:
Mobile tel.,
Business tel.,
Private tel.,
Street, house number,
Postcode, town,
Country,
Business e-mail,
Private e-mail and
WWW/wap

▶ Confirm your selection by pressing the rotary control/push button OK. The appropriate data entry menu appears.

▶ Enter the required information.

Note

If for example a telephone number has been entered for Mobile tel., this will appear in the menu instead of Mobile tel.. To enable you to identify numbers subsequently, symbols appear in front of the individual entries.

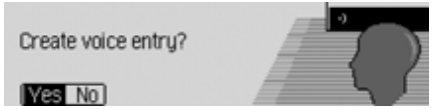
stands for Mobile tel..
stands for Business tel..
stands for Private tel..
stands for Business e-mail.
stands for Private e-mail.

Once you have entered all the information, you must save the entry.

▶ Select the Save entry.

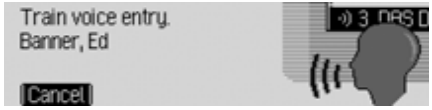
▶ Confirm your selection by pressing the rotary control/push button OK.

If, under “Automatic dialogue” on page 126, you specified that a prompt to record a name should appear when an address entry is created, you will be prompted to record a name.



▶ Select Yes (record) or No (do not record).

If you select Yes, a name will now be recorded.



Once you have recorded a name, the following information appears on the display.

▶ Press the rotary control/push button OK.

The entry is saved.

Creating an entry which supports navigation

▶ In the Address Book main menu, select the New entry – navigable entry.

Note

The navigation CD must be inserted in order to create an address book entry which supports navigation. If the CD is not inserted, you will be prompted to insert it.

▶ Enter a surname and first name as described in “Creating an entry” on page 102.

The data entry menu for the address appears. The last country selected appears as the country by default.

▶ Enter the address as described in “Entering a destination” on page 27.

Once you have entered the address, you must confirm your entry.

You can enter additional data:

▶ Turn the rotary control/push button OK to select one of the following options:
Mobile tel.,
Business tel.,
Private tel.,
Business e-mail,
Private e-mail and
WWW/wap

▶ Confirm your selection by pressing the rotary control/push button OK. The appropriate data entry menu appears.

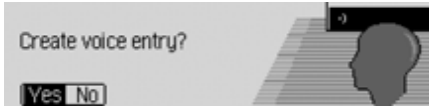
▶ Enter the required information.

Once you have entered all the information, you must save the entry.

▶ Select the Save entry.

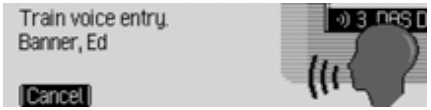
▶ Confirm your selection by pressing the rotary control/push button OK.

If, under “Automatic dialogue” on page 126, you specified that a prompt to record a name should appear when an address entry is created, you will be prompted to record a name.



▶ Select Yes (record) or No (do not record).

If you select Yes, a name will now be recorded.



Once you have recorded a name, the following information appears on the display.

▶ Press the rotary control/push button OK.

The entry is saved.

Find entry

When searching for an address book entry, you can search based on names or towns. Please also refer to the description in “Setting the search criterion” on page 106.

▶ In the Address Book main menu, select the Search for entry entry.

Note

If less than 10 address book entries have been saved, a list of entries appears. You can then select the required entry from the list.

The data entry menu for the name/location appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select each letter one after the other.

Note

Select the symbol to delete the last character in the entry.

The last letter entered is highlighted. To help, the name closest to the previous entry is displayed. The Traffic Pro offers only the possible remaining letters for selection. If no other entries are available, the Traffic Pro completes the name automatically.

Accept entry:

▶ In the data entry menu, select the OK symbol.

or

▶ Press the rotary control/push button OK and hold it down for at least 2 seconds.

If the complete name/location has already been entered and/or added automatically, the address book entry appears.

If an incomplete name/location entry was confirmed, the selection list appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required name/location.

Note

If more than one address entry has been saved for one location, another selection menu appears.

▶ Select the required address book entry.

The address book entry selected appears.

Setting the search criterion

▶ In the Address Book main menu, select the Search criterion entry.

▶ Select Search by name or Search by town (on =).

Note:

Only one of the two settings may be active ( ) at the same time.

Editing entries

▶ Find the address book entry to be modified.

Note:

You can modify individual entries. To do this, select the entry to be modified and press and hold down the rotary control/push button OK until the appropriate data entry menu appears.

▶ Select the Edit entry.

▶ Turn the rotary control/push button OK to select one of the following options:
Change data,
Export entry (BT)*,
Delete entry,
Create voice entry or Delete voice entry and
Read out voice entry

▶ Confirm your selection by pressing the rotary control/push button OK.

- Change data
  You can modify the data entered for an entry. See "Modifying an entry" on page 107.
- Export entry (BT)*
  Use this function to transfer a single address book entry in vCard format to another device which is equipped with *Bluetooth*® wireless technology.
- Delete entry
  You can delete the selected entry. See "Deleting an entry" on page 108.
- Create voice entry or Delete voice entry
  You can create a voice entry for the selected entry or delete an existing voice entry. See "Creating/Deleting voice entries" on page 108.
- Read out voice entry
  Once you have made this selection, the voice entry saved is read out.

Modifying an entry

▶ In the Edit Entries menu, select the Change data entry.

▶ Modify the required data as described in "Creating an entry" on page 102.

Once you have entered all the information, you must save the entry.

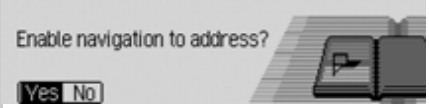
▶ Select the Save entry.

▶ Confirm your selection by pressing the rotary control/push button OK.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Note

If you wish to change part of the address, the Traffic Pro will prompt you to confirm if the address supports navigation.



▶ Select Yes (supports navigation) or No (does not support navigation).

If you select Yes, you may be prompted to insert the navigation CD. You can then modify the address as described in “Creating an entry which supports navigation” on page 104.

If you select No, you can modify the address data without support from the navigation data.

Deleting an entry

▶ Find the address book entry to be deleted.

▶ Select the Edit entry.

▶ Select the Delete entry entry.

▶ Select Yes (delete) or No (do not delete).

If you select Yes, the address book entry will be deleted.

Creating/Deleting voice entries

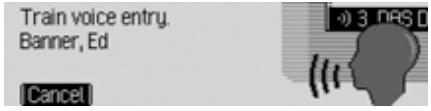
You can record a voice entry or delete an existing voice entry for the selected address book entry.

Create

▶ Find the address book entry for which you wish to record a voice entry.

▶ Select the Edit entry.

Select the Create voice entry entry.



The recording procedure starts.

Delete

▶ Find the address book entry for which you wish to delete a voice entry.
▶ Select the Edit entry.

Select the Delete voice entry entry.
▶ When the next prompt appears, select Yes (delete) or No (do not delete).

If you select Yes, the voice entry will be deleted.

Reading out voice entries

▶ Find the address book entry, the voice entry of which you wish to have read out.
▶ Select the Edit entry.
▶ Select the Read out voice entry entry.

The voice entry is read out.

Exporting an address book*

Use this function to transfer the entire address book in vCard format to another device which is equipped with *Bluetooth*® wireless technology.

Note

The recipient *Bluetooth* device must be able to receive several addresses. If this is not supported, it is possible that only the first entry in the address book will be transferred.

▶ In the Address Book main menu, select the Export address book (BT) entry.

▶ Select the device to which the address book is to be transferred.
▶ Press the rotary control/push button OK.

The Traffic Pro tries to establish a connection to the required device.
If authentication is required, you will have to connect/ authenticate the device as described in “Connecting devices (Traffic Pro)*” on page 118.

Press the rotary control/push button OK to abort the transfer. No data will be transferred.

The address book has been sent.
▶ Press the rotary control/push button OK.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Exporting an address book entry*

Use this function to transfer a single address book entry in vCard format to another device which is equipped with *Bluetooth*® wireless technology.

- ▶ Find the address book entry which you wish to export.
- ▶ Select the Edit entry.

- ▶ Select the Export entry (BT) entry.

- ▶ Select the device to which the entry is to be sent.
- ▶ Press the rotary control/push button OK.

The Traffic Pro tries to establish a connection to the required device.
If authentication is required, you will have to connect/ authenticate the device as described in "Connecting devices (Traffic Pro)*" on page 118.

Press the rotary control/push button OK to abort the transfer. No data will be transferred.

The address book entry has been sent.

- ▶ Press the rotary control/push button OK.

Importing an address book entry*

Addresses in vCard format can be imported from other devices.
This function is initiated by an external *Bluetooth* device. Please also refer to the instructions for your device.

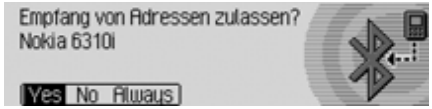
Note

- ▶ If a connection to a *Bluetooth* device has already been established a connection request from another *Bluetooth* device will be rejected without information being sent by the Traffic Pro.

The procedure is as follows:
The external device sends a connection request.
If authentication is required, you will have to connect/ authenticate the device as described in "Connecting devices (Traffic Pro)*" on page 118.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Then, depending on the settings in "Always allow connection*" on page 116, the following query is sent or, if the function is active, this step will be skipped.



▶ Select between Yes, No and Always.

- Yes
  Connection of the external device is allowed.
- No
  Connection of the external device is rejected.
- Always
  Connection to the external device is allowed. The function described in "Always allow connection*" on page 116 will also be activated. Further connection requests will be accepted without a query.

If you have allowed the connection by means of Yes or Always, the address data will be sent.
Adresse wird übertragen appears on the display.
Press the rotary control/push button OK to abort the transfer. No data will be transferred.

The following information will be displayed if the transfer was successful.

▶ Select between Add (addresses will be saved in address book) and Discard (transferred addresses will not be saved).

The following information will be displayed if Add was selected.

▶ Press the rotary control/push button OK.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Navigating to an address book entry

You can start route guidance to an address for an address book entry from the address book.

Note:

Route guidance is only possible if an address which supports navigation has been assigned to the address book entry.
If an address book entry supports navigation, Navigate appears on the right of the display.

▶ Find the address book entry for which you wish to start route guidance.

▶ Select the name or a part of the address.
▶ Press the rotary control/push button OK.

Route guidance to the destination will be initiated.

Voice entries

▶ In the Address Book main menu, select the Voice entries entry.

▶ Turn the rotary control/push button OK to select one of the following options:
Read out all entries,
Delete all entries and
Dialogue for saving
▶ Confirm your selection or switch the function on/off by pressing the rotary control/push button OK.

- Read out all entries
  All voice entries stored are read out.
- Delete all entries
  You can delete all stored voice entries.

  ▶ When the next prompt appears, select Yes to delete the entry or No not to delete.
- Dialogue for saving
  You can switch the automatic dialogue for recording a voice entry on/off.

  ▶ Switch the function on ( ) or off ( ) by pressing the rotary control/push button OK.

Calling an address book entry*

From the address book you can start a call to a telephone number stored in the address book.

▶ Find the address book entry containing the telephone number you wish to call.

▶ Select the desired telephone number.

Note:

Up to three telephone numbers can be saved. These are marked with different symbols.

stands for the mobile number.
stands for the business number.
stands for the private number.

▶ Press the rotary control/push button OK.

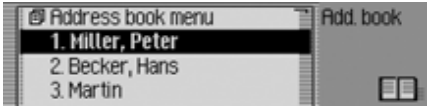
The call to the required number will be established.

Fast access functions

The last 20 address book entries used in the address book appear here.
You may:

- Protect the fast access entries, i.e. the entry will not be deleted when the maximum number of entries is reached. The oldest unprotected entry will be deleted.
- Delete individual fast access entries.
- Delete the entire fast access list.

▶ Press NAME.



The address book fast access function appears.

Protecting an entry

▶ Call up the address book fast access function.
▶ In the Fast Access menu which appears, select the address book entry to be protected.
▶ Press the rotary control/push button OK until a menu appears.
▶ Select the Protect entry entry.

▶ Switch protection on ( ) or off ( ) by pressing the rotary control/push button OK.

Protected entries are identified by the symbol.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Deleting an entry

- ▶ Call up the address book fast access function.
- ▶ In the Fast Access menu which appears, select the entry to be deleted.
- ▶ Press the rotary control/push button OK until a menu appears.

- ▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the Delete entry entry.

The entry is deleted from the fast access list.

Note:

The entry is only deleted from the fast access list. It remains available in the address book.

Deleting a list

- ▶ Call up the address book fast access function.
- ▶ Press the rotary control/push button OK until a menu appears.

- ▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the Delete list entry.

- ▶ When the prompt appears, select Yes to delete the list or No to retain it.

If you select Yes, the list will be deleted in the fast access function.

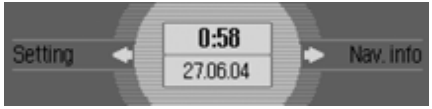
Note:

The entries are only deleted from the fast access list. They remain available in the address book.

Calling up general settings

You can configure your Traffic Pro to meet your requirements in the general settings.

▶ Press CID.



The Information menu appears.

Note:

The General Settings menus will disappear automatically once they have been idle for a short period of time.
Any changes made will be saved.

*Bluetooth**

Bluetooth® wireless technology is a system which allows radio contact between electronic devices within a max. range of 10 metres.
Connecting individual devices under *Bluetooth*® wireless technology does not incur any charges. A mobile phone with *Bluetooth*® wireless technology can be operated via the Traffic Pro if the connection was made via *Bluetooth*® wireless technology.
The Traffic Pro then also serves as a hands-free unit.

Note:

In some countries there could be restrictions on the use of devices with *Bluetooth*® wireless technology. The authorities of the relevant country can provide you with further information.

Opening the device list*

▶ Press CID.

▶ Turn the rotary control/push button OK anti-clockwise until Bluetooth appears at the top right of the display.

Three different displays could be shown, depending on the current status of the *Bluetooth* function.

- *Bluetooth* is switched off.

- *Bluetooth* is switched on but a telephone is not connected to the Traffic Pro.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

- *Bluetooth* is switched on and a telephone is connected to the Traffic Pro.

▶ Press the rotary control/push button OK.

The *Bluetooth* device list is displayed. The devices recognised by the Traffic Pro are displayed in this list. The current status is indicated by means of a symbol next to the name of the devices.

- Connected device (marked with the symbol)
- Device with Standard status (marked with the symbol)
- Coupled devices (marked with the symbol)
- The symbol is shown on the display if an error occurred in establishing a connection. It is then only possible to disconnect the device.

Notes:

- The device which was stored in the device list last will be shown at the end of the list.
- Devices stored in the list are retained until the entry is deleted.
- If no devices have yet been stored in the device list, No BT devices will be displayed. You can then start a search for *Bluetooth* devices in "Searching for Bluetooth devices*" auf Seite 122.

Always allow connection*

When this function is activated the corresponding external device can establish a connection to the Traffic Pro without you authorising it.

▶ In the device list, select the device for which the "Always allow connection" setting is to be changed.

▶ Press the rotary control/push button OK and hold until the following menu appears.

▶ Select the Always allow connection entry.

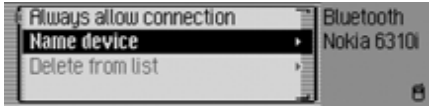
▶ Press the rotary control/push button OK to switch the function on ( ) or off ( ).

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Name device*

You can change the name of a device displayed in the *Bluetooth* device list.

- ▶ Select the device to be named from the device list.
- ▶ Press the rotary control/push button OK and hold until the following menu appears.



- ▶ Select the Name device entry.

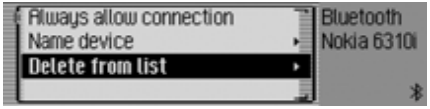
- ▶ Enter the desired name. For this purpose, proceed as described in “Data entry menus” auf Seite 13.

The changed name will be shown in the device list.

Deleting a device from the list*

You can delete devices from the *Bluetooth* device list which are not used or which are outdated.

- ▶ Select the device to be deleted from the device list.
- ▶ Press the rotary control/push button OK and hold until the following menu appears.



- ▶ Select the Delete from list entry.
- ▶ When the next prompt appears, select Yes to delete the entry or No to retain it.

The device will be deleted or retained on the basis of the selection.

Connecting and disconnecting devices*

Before a *Bluetooth*device is able to communicate with the Traffic Pro, it must be connected to the system.

You can initiate this connection from the Traffic Pro or from the external device.

Note:

It is not yet clear whether connection is possible in both directions with all devices using *Bluetooth*® wireless technology. In the event that the connection cannot be established from the Traffic Pro, try initiating the connection from the external device, and vice versa.

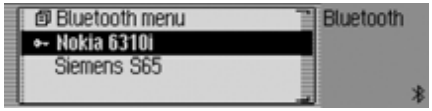
*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Connecting devices (Traffic Pro)*

▶ Select the device to be connected from the device list.

Notes:

- A device that has not yet been connected is identified by the symbol or . A device which is already connected is identified by the symbol.
- If no devices have yet been stored in the device list No BT devices will be displayed. You can then start a search for *Bluetooth* devices as described in "Searching for Bluetooth devices*" auf Seite 122.



Press the rotary control/push button OK.

▶ Select Yes to connect or No not to connect.

If Yes is selected, the Traffic Pro will attempt to establish a connection to the required device.

You may be required to enter a password depending on which device you are trying to connect.

Note:

You will find further information on this in the instructions for the device which you are trying to connect.
For some devices a fixed password has been specified by the manufacturer. Enter this password. With other devices you can choose a number code with 1 - 16 digits. This code must be entered in the Traffic Pro and the device to be connected.

▶ Enter the password by rotating/pressing the rotary control/push button OK.

▶ Select the OK symbol from the input menu.

or

▶ press the rotary control/push button OK and hold for at least 2 seconds.

A connection will be established to the required device. The device has now been now authenticated.
If it was not possible to establish a connection, the Traffic Pro will notify you of this on the display.

Note:

If a different device was already connected, this will be disconnected.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Connecting a device (external device)*

Connecting the Traffic Pro to an external device can also be initiated by the external device.

Note:

If a device is already connected to the Traffic Pro, the attempt made by the external device to establish a connection will be ignored.

Two different scenarios will be described below.

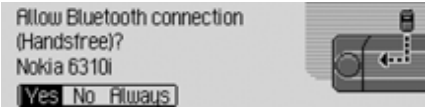
- The external device has previously been connected to the Traffic Pro.
- The external device has not been connected to the Traffic Pro before.

The external device has previously been connected to the Traffic Pro*

Note:

If the function described in “Always allow connection*” auf Seite 116 is activated, a short signal tone can be heard and a message appears which confirms that the external device has been connected.

When the external device attempts to establish a connection, a signal tone can be heard and the following message appears.



▶ Select between Yes, No and Always.

- Yes
  Connection to the external device is allowed.
- No
  Connection to the external device is rejected.
- Always
  Connection to the external device is allowed. The function described in “Always allow connection*” auf Seite 116 will also be activated. Further connection requests will be accepted without a query.

If the connection to the external device is established successfully, another signal tone can be heard and the following message appears.

▶ Press the rotary control/push button OK.

A connection has now been established to the external device.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

The external device has not been connected to the Traffic Probefore*

When the external device attempts to establish a connection, a signal tone can be heard and the following message appears.

▶ Select between Yes and No.

If you select Yes, you will be requested to enter a password.

▶ Enter password by rotating/ pressing the rotary control/push button OK.

▶ Select the OK symbol from the input menu.

or

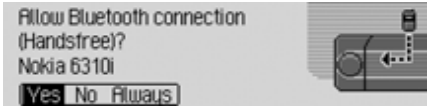
▶ press the rotary control/push button OK and hold for at least 2 seconds.

If the connection to the external device is established successfully, another signal tone can be heard and the following message appears.

▶ Press the rotary control/push button OK.

If the connection is terminated by the external device after authentication, the device list will be displayed.

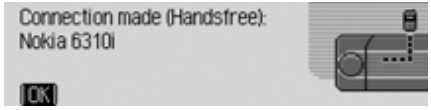
If the connection is not terminated, the following message will appear.



▶ Select between Yes, No and Always.

- Yes
  Connection to the external device is allowed.
- No
  Connection to the external device is rejected.
- Always
  Connection to the external device is allowed. The function described in “Always allow connection*” auf Seite 116 will also be activated. Further connection requests will be accepted without a query.

If the connection to the external device is established successfully, another signal tone can be heard and the following message appears.



▶ Press the rotary control/push button OK.

A connection has now been established to the external device.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Disconnecting devices*

▶ Select the device to be disconnected from the device list.

Note:

A connected device is identified by the symbol.

▶ Press the rotary control/push button OK.

▶ Select Yes to disconnect or No not to disconnect.

If Yes is selected, the Traffic Pro will disconnect the required device.

Calling up *Bluetooth* settings*

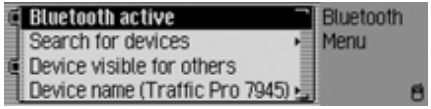
▶ Press .

▶ Turn the rotary control/push button OK anti-clockwise until Bluetooth appears at the top right of the display.

▶ Press the rotary control/push button OK.

The *Bluetooth* device list is displayed.

▶ Select the Bluetooth menu entry.



▶ Turn the rotary control/push button OK to select between
Bluetooth active,
Search for devices,
Device visible for others and
Device name.

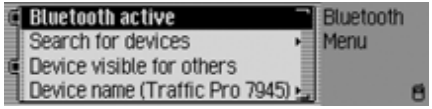
▶ Confirm your selection by pressing the rotary control/push button OK.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Activating/ deactivating *Bluetooth

You can activate or deactivate *Bluetooth*.

▶ Call up the *Bluetooth* settings.



▶ Select the Bluetooth active entry.

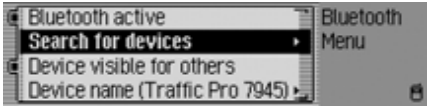
▶ Press the rotary control/push button OK to switch *Bluetooth* on (▣) or off (▣).

Searching for *Bluetooth* devices*

Use this function to start a Traffic Pro search for *Bluetooth* devices within the transmission/ reception range.

All the devices (including those already connected etc.) are displayed as a result of the search.

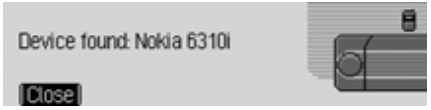
▶ Call up the *Bluetooth* settings.



▶ Select the Search for devices entry.

The device displays Searching for Bluetooth devices.

If a device is found the following information is displayed, for example.



▶ Press the rotary control/push button OK to cancel the search.

If you do not cancel the search it will continue to run.

If other devices are found, further messages will be displayed concerning those devices.

The devices found are displayed in a list after the search has been completed.

You can then connect/ disconnect the devices as described in “Connecting and disconnecting devices*” auf Seite 117.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Making devices visible to others*

Here you can specify whether other *Bluetooth* devices are to be able to recognise the Traffic Pro or not.

▶ Call up the *Bluetooth* settings.

▶ Select the Device visible for others entry.

▶ Press the rotary control/push button OK to switch recognisability on ( ) or off ( ).

Device name*

You can give your Traffic Pro a name. This name will be displayed by other *Bluetooth* devices.

▶ Call up the *Bluetooth* settings.

▶ Select the Device name entry.

▶ Enter the desired name. For this purpose, proceed as described in “Data entry menus” auf Seite 13.

The changed name will be displayed in brackets in the *Bluetooth* settings next to the device name entry.

Voice mode

You can make settings for voice mode as well as for traffic announcements and other announcements here.

Calling up voice mode settings

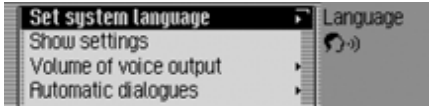
▶ Press CD.

▶ Turn the rotary control/push button OK counter clockwise until Voice operation appears at the top right of the display.

This display provides information about the number of free voice entries still available for address book entries and radio stations. In the example, 30 are available for address book entries and 20 for radio stations.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

▶ Press the rotary control/push button OK.



▶ Turn the rotary control/push button OK to select one of the following options:
Set system language,
Show settings,
Volume of voice output,
Automatic dialogues,
Voice entries,
Voice output,
PTT extended or
Repeat voice announcement

▶ Confirm your selection by pressing the rotary control/push button OK.

Setting the system language

You can select the language for announcements and displays here.

Notes:

- The navigation CD or system CD must be inserted in order to change the language or speaker. If necessary, the Traffic Pro will prompt you to insert the navigation CD/system CD.
- It may take up to 10 minutes to install the language.
- When the system language changes, voice entries created for stations and addresses are deleted.

▶ Select Set system language in the voice mode settings.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required language.

The speaker selection list appears.

▶ Turn the rotary control/push button OK and then press the rotary control/push button to select the required speaker.

Note:

To update the voice dialogue, you may be prompted to insert the system CD. If you are, insert it.

The language and the selected speaker are installed.

Displaying voice settings

This function can be used to display the currently valid voice settings.

▶ Select Show settings in the voice mode settings.

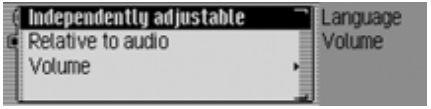
The voice settings are displayed.

- MMI language: indicates the current setting for the display text language.
- Navi speaker: indicates the current setting for the navigation announcement speaker.
- SDS: indicates the current setting for the voice dialogue system speaker.
- TTS: indicates the current language setting for reading out texts.

Volume for voice output

You can set the volume for announcements from your Traffic Pro here.

▶ Select Volume of voice output in the voice mode settings.



▶ Select Independently adjustable or Relative to audio.

Note:

Only one of the two settings may be active ( ) at the same time.

- Independently adjustable
  You can set the volume for announcements independently of the volume set for the audio source.
- Relative to audio
  The volume for announcements can be set in a specific range based on the volume set for the active audio source.

▶ For the Relative to audio setting, select Volume.

▶ Turn the rotary control/push button OK to select the required volume.

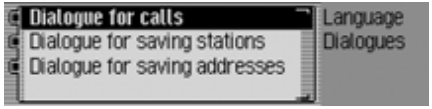
Note:

If you have previously selected Relative to audio, you can set the volume in the range between -10 and +10. In this case, a negative value means that announcements will be made more quietly than the selected volume for the audio source.

Automatic dialogue

You can specify which events should trigger automatic voice dialogue. Automatic dialogues are automatic queries from the Traffic Pro after particular events, for example whether a voice entry is to be created after a radio station has been stored.

▶ Select Automatic dialogues in the voice mode settings.



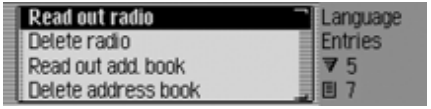
▶ Next, select the required event.

▶ Turn the rotary control/push button OK to switch the required function on ( ) or off ( ).

Voice entries

You can use this function to read out and delete all voice entries already stored for the radio and address book functions.

▶ Select Voice entries in the voice mode settings.



Note:

The number of voice entries already assigned appears on the right-hand side of the display.

Reading out:

▶ Select Read out radio or Read out add. book.

The selected voice entries are read out.

Deleting:

▶ Select Delete radio or Delete address book.

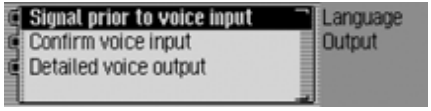
▶ When the next prompt appears, select Yes to delete the entry or No not to delete.

Entries will be deleted or retained on the basis of the selection.

Voice output

You can configure voice outputs for the Traffic Pro here.

▶ Select Voice output in the voice mode settings.



▶ You may now select the Signal prior to voice input, Confirm voice input and Detailed voice output functions.

- Signal prior to voice input
  Once the function has been activated, in addition to being highlighted on the Traffic Pro, a beep tone sounds to indicate that the unit is ready for a voice command.
- Confirm voice input
  If the function is active, the voice command is repeated by the Traffic Pro for confirmation. However, please note that the voice command repeated may not tally exactly with the voice command you entered, but with the main command. It may be the case, for example, that you say "end" and the Traffic Pro repeats "cancel". In voice mode, these two commands have the same meaning.
- Detailed voice output
  If the function is active, in some places you will receive detailed instructions (e.g. for entering a destination in voice mode).

▶ Turn the rotary control/push button OK to switch the required function on ( ) or off ( ).

Extended PTT

If the function is active, voice mode can be activated automatically by pressing RADIO, MEDIA, NAVI, TEL* or NAME and you can input a voice command directly.

Note:

The abbreviation **PTT** stands for "**P**ush **T**o **T**alk".

▶ Select PTT extended in the voice mode settings.

▶ Turn the rotary control/push button OK to switch the function on ( ) or off ( ).

Repeating a voice announcement

If the function has been switched on and route guidance is active, the last navigation announcement can be repeated or an updated navigation announcement output by pressing ⊏⊐.

▶ Select Repeat voice announcement in the voice mode settings.

▶ Turn the rotary control/push button OK to switch the function on ( ) or off ( ).

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

System settings

You can configure various basic settings on your Traffic Pro to meet your requirements in the system settings.
The following possible settings are available:
For Audio:

- Setting for speed-dependent increase in volume with Speed-dependent volume.
- Using Installation position of microphone, you can specify whether your vehicle is a left-hand drive or right-hand drive vehicle.
- Setting for acoustic signal volume with Volume of warning tones
- You can use Display volume to select whether a change in volume should be displayed in graphics format.
- Setting for the volume level of digital to analogue audio sources with Digital level.

Other settings:

- Using External device, you can specify whether an AUX source or an external hands-free unit is connected to the Traffic Pro instead of a CD changer.
- Setting display brightness with Display brightness.
- You can use Day/night design to configure the settings for changeover between day and night design.
- You can use Reset functions to reset the Traffic Pro to the factory settings.
- You can use Direction of rotary actuator to specify the direction in which lists and menus are scrolled when the rotary control/push button is turned.

- Clock
  You can configure the GMT time sent by the satellite in terms of its format and the current time zone.
  The time only needs to be set so that the Traffic Pro can supply navigation information correctly on routes with time-dependent route guidance. Setting the time also ensures that anticipated times of arrival are announced/displayed correctly.

Calling up the system settings

▶ Press CD.

▶ Turn the rotary control/push button OK counter clockwise until System setting appears at the top right of the display.

▶ Press the rotary control/push button OK.

▶ Turn the rotary control/push button OK to select one of the following options:
Audio,
External device,
Display brightness,
Day/night design,
Reset functions,
Direction of rotary actuator or
Clock

▶ Confirm your selection by pressing the rotary control/push button OK.

Audio

The Audio section includes system settings for audio mode.

GAL (speed dependent volume)

GAL is a control circuit on the Traffic Pro. This control circuit automatically increases the volume of the Traffic Pro depending on the speed of the vehicle.
You can define the extent to which the volume should be increased depending on the speed of the vehicle here.

▶ Select Audio in the system settings.

▶ Select Speed-dependent volume.

▶ Turn the rotary control/push button OK to select the required value.

Note:

A setting of "0" indicates no increase in volume.
A setting of "10" indicates the maximum increase in volume.

Settings for left-hand/ right-hand drive vehicles

Navigation announcements and telephone calls/ voice mode announcements are transmitted via different loudspeakers. Using this function you can specify whether your car is a left-hand drive or right-hand drive vehicle and therefore set the transmission accordingly.

▶ Select Audio in the system settings.

▶ Select Installation position of microphone.

▶ Select between Right/centre and Left/centre (on = ■).

Note:

Only one of the two settings can be active ( ) at one time.

Volume for acoustic signals

You can change the volume for acoustic signals.

▶ Select Audio in the system settings.
▶ Select Volume of warning tones.

▶ Turn the rotary control/push button OK to select the required value.

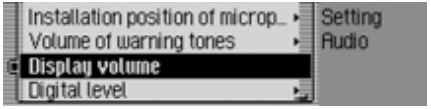
Note:

A low value indicates a low volume for acoustic signals.

Displaying the volume

You can activate/deactivate the display of a change in volume in graphics format.

▶ Select Audio in the system settings.
▶ Select Display volume.



▶ Turn the rotary control/push button OK to switch the function on ( ) or off ( ).

Digital level

You can adapt the volume level of digital audio sources (CD and all MP3 sources) to analogue audio sources (radio).

▶ Select Audio in the system settings.
▶ Select Digital level.

▶ Turn the rotary control/push button OK to select the required value.

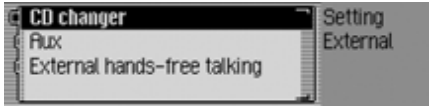
Note:

A setting of “0” indicates no decrease in volume.
A setting of “10” indicates a significant decrease in the volume of the digital audio source.

External device

You can specify whether an AUX source or an external hands-free unit is connected to the Traffic Pro instead of a CD changer.

▶ Select External device in the system settings.



▶ Select between CD changer, Aux and External hands-free off (on = ■).

Note:

Only one of the three settings can be active (■) at one time.
However, all three functions may be inactive (□) at the same time.
If the Traffic Pro recognises that a CD changer is connected, CD changer is activated (■). It is then not possible to switch the function off manually.
The microphone of the Traffic Pro cannot be used for external hands-free operation.

Display brightness

You can use this function to set the display brightness to meet your requirements.

▶ Select Display brightness in the system settings.

▶ Turn the rotary control/push button OK to select the required value.

Note:

A negative value dims the display.
A positive value brightens the display.

Day/ night design

You can configure settings for the changeover between day and night design on your Traffic Pro.

▶ Select Day/night design in the system settings.

▶ Select Difference.
▶ Press the rotary control/push button OK to switch the function on (■) or off (□).

If the function is activated (■), changeover between day and night design takes place at short intervals during operation (under dim outside light conditions). This setting protects the display and prevents what is known as the “burning-in effect”.

If the function is deactivated (□), changeover between day and night design takes place automatically. The night design is automatically activated under dim outside light conditions.

Reset function

You can reset the Traffic Pro to the factory settings.

▶ Select Reset functions in the system settings.

▶ You may now select Delivery status, Reset settings or Delete personal data.

- Delivery status
  The Traffic Pro is reset to the factory settings. All settings are reset. Personal data is deleted.
- Reset settings
  All settings made are reset to original values. Personal data is not deleted.
- Delete personal data
  Personal data is deleted. Settings are not reset.

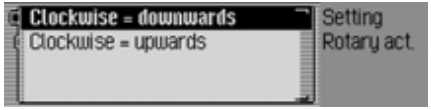
▶ In the following prompt, select Yes to reset the settings or No to continue without a reset.

A reset is performed if Yes is selected. The Traffic Pro switches itself off briefly and then back on again automatically.

Direction of rotation of the rotary control/push button

You can specify the direction in which lists and menus are scrolled when the rotary control/push button OK is turned.

▶ Select Direction of rotary actuator in the system settings.



▶ Select Clockwise = downwards or Clockwise = upwards (on = ■).

Note:

Only one of the two settings may be active (■).

Clock

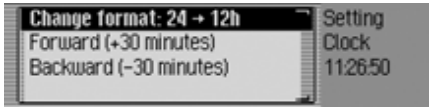
You can configure the GMT time sent by the satellite in terms of its format and the current time zone.

The time needs to be set so that the Traffic Pro can supply navigation information correctly on routes with time-dependent route guidance. Setting the time also ensures that anticipated times of arrival are announced/ displayed correctly.

▶ Select Clock in the system settings.

Note:

The menu item cannot be selected if GPS reception is not available.



The Clock Settings menu appears. The current time setting appears on the right-hand side of the display.

▶ You may now select between Change format:, Forward (+30 minutes) and Backward (-30 minutes).

- Change format:
  You can switch the time display format from 12 to 24-hour and vice versa.
- Forward (+30 minutes)
  You can put the time forward in intervals of 30 minutes.
- Backward (-30 minutes)
  You can put the time back in intervals of 30 minutes.

▶ Press the rotary control/push button OK to execute the relevant function.

Software update

A software update for your Traffic Pro can be carried out by inserting a CD. New functions for your Traffic Pro can be provided by means of a software update.

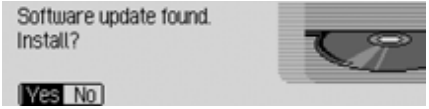
Note:

Before carrying out an update, switch the vehicle ignition on and leave it on during the update.

The Traffic Pro cannot be used during the software update.

▶ Insert the software update CD into the CD slot with the printed side up.

After a short time, the following display appears:

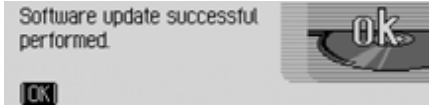


▶ Select Yes to install the update or No to continue without updating.

The software update starts when Yes is selected.

A progress indicator informs you of the progress of the installation.

The following message appears once the update has been completed successfully.



▶ Press the right-hand rotary control/ push button OK or wait for the menu to disappear automatically after a few seconds.

The Traffic Pro switches itself off briefly and then back on again.
The software update is now complete.

What is voice mode?

In several instances, voice mode allows you to control your Traffic Pro simply by pressing a button and using your voice. This increases road safety many times over.

Symbols

This section of the operation guide contains a range of previously unknown symbols which are outlined briefly here.

In the descriptions of the possible commands in voice mode, a cross-reference (page XX) to the page in the operation guide on which the corresponding function is describe has been included, where possible.

Some of the voice commands activate a dialogue between the user and the voice control system. The operation guide contains examples of such dialogues.

The following symbols are used in the example dialogues:

- ...*
  You can use your voice control system to store voice entries for stations, address book entries and/or navigation destinations. These voice entries are a component of the various commands and are represented in the operation guide by ...*, e.g. "***[Listen to] station ...***".
- ... (1-X)
  If a set of brackets containing a number range appears after the three points, these three points indicate a number within this range, e.g. "**(1 - 9)**".
- ***[...]***
  A word in square brackets in an example dialogue is optional. This word is not absolutely necessary in order for the command to be understood.
- Symbol 🗣
  In an example dialogue between the voice control system and user, this symbol indicates a user voice command.
- Symbol 🔈
  In an example dialogue between the voice control system and the user, this symbol indicates a system announcement text.
- Signal tone symbol
  In an example dialogue between the voice control system and the user, this symbol indicates the signal tone which indicates that the voice control system is ready for commands to be entered.

General information about the voice control system

The primary principle of voice mode is that you can read out all the commands you can see in the display.

In order to optimise the ability of the voice control system to understand the commands, please note:

- Speak continuously and at normal volume. Avoid long pauses and excessive emphasis.
- Observe the instructions about the position of the microphone in the installation guide.
- Make sure that you speak as directly as possible into the microphone.
- Reduce interference by closing windows, doors and the sliding roof.
- Avoid ambient noise in the vehicle when entering voice commands (e.g. conversations between other passengers going on at the same time).
- Ambient noise increases the faster the vehicle is travelling. You should therefore speak more loudly at higher speeds.
- Do not enter voice commands whilst an announcement is being made.

Activating the voice control system

The voice control system becomes available shortly after the Traffic Pro is switched on.

In order that conversations going on inside the vehicle do not trigger the unit accidentally, the voice control system must first be activated before it can be used.

Notes:

Depending on the setting in "Automatic dialogue" on page 126, a voice dialogue will be started automatically when RADIO, MEDIA, NAVI, TEL* and NAME are pressed.

▶ Press the rotary control/push button .

The Traffic Pro displays a border around the current display and prompts you to make an entry by emitting a signal tone ⸦ . Voice dialogue starts.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Notes:

You can activate or deactivate the sounding of the signal tone as described in “Automatic dialogue” on page 126.

▶ 🗣 Read out the required command.

The Traffic Pro carries out the required command.

If for example you call up a menu with the command, voice mode remains active and you can enter another command immediately.

Ending voice dialogue prematurely

A voice dialogue can be ended at any time.

▶ 🗣 Read out one of the following commands: ***Cancel*** or ***End***.

or

▶ Press the rotary control/push button .

A voice dialogue can also be continued by means of an operator input on the unit.

However, to continue operation in voice mode, the rotary control/push button must then be pressed again.

Voice entries

Depending on the setting in “Voice entries” on page 137 for radio mode and in “Voice entries” on page 112 for the address book, when storing a station or address book entry, at the end of the process voice mode will ask you if you wish to enter a voice command.

This teaches voice mode how you usually pronounce the name. This enables you to subsequently call up a radio station, for example, with the voice command ***Play station ...**** (where ...* stands for the assigned name, e.g. SWR).

The same applies to address book entries: If you have assigned a voice entry to an address, you can start route guidance to ...* with the voice command ***Navigate to destination ...**** (where ...* stands for the assigned name, e.g. Franz Huber).

Settings

You can change the settings for voice mode in "Voice mode" on page 123. The factory settings are configured to make voice mode as easy as possible to operate for the most inexperienced users. Experienced users often want to use voice mode to speed up the operation of the unit by assigning voice entries to other commands or reducing the amount of audible feedback. The following settings can be made:

- In "Voice output" on page 126. Here you can specify the amount of audible feedback.
- Voice entry signal
  You can switch off the signal tone before each voice entry.
- Confirm voice entry
  You can specify whether the command should be confirmed after each voice entry.
- Detailed voice output
  In some places, voice mode responds with a slightly longer voice output. You can switch off this voice output.
- Extended PTT
  If you have activated "Extended PTT" (Push-To-Talk), voice recognition will also be activated every time one of the buttons on the unit is pressed (e.g. RADIO).
- Automatic dialogues
  Here you can specify whether a (voice) dialogue should be started when specific events occur.

Examples for a voice dialogue

A number of examples of voice dialogues appear below. To familiarise yourself with voice mode, we recommend that you run through these examples once yourself.

You can use voice mode like a remote control and operate the unit using its menu structure: If for example you say the command ***Navigation***, the navigation screen will appear, as if you had pressed the navigation button. Voice mode is subsequently reactivated and you can say new commands. For example, you can now say ***Enter destination***. Please note that some areas (e.g. sound settings) do not support voice mode. If you navigate to the sound settings using voice mode, you will not be able to continue to operate the unit in voice mode.

Example operation in radio mode

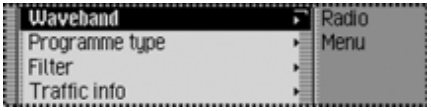
The following description assumes that you are in the status display for radio mode. The signal tone will sound and commands will be repeated only if the functions described in “Voice output” on page 126 have been activated.

You wish to set the VHF waveband on the basis of quality.

▶ Press the rotary control/push button .

You will hear a signal tone .

▶ Say the command ***[Open] radio menu***.



The radio menu appears.

◀ Radio menu

You will hear a signal tone .

▶ Say the command ***Waveband***.

The Waveband menu appears.

◀ Waveband

You will hear a signal tone .

▶ Say the command ***FM quality***.

VHF is switched on based on quality and the Fast Access menu appears.

◀ FM quality

You will hear a signal tone .

▶ Say the command ***Status***.

You are now in the status display for the radio function.

Example for entering a navigation destination

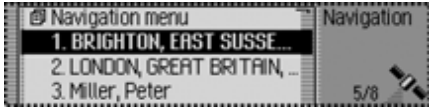
The following description assumes that you are in the status display for radio mode.

You wish to enter Lexington Street in London as a destination and start route guidance to it.

▶ Press the rotary control/push button .

You will hear a signal tone .

▶ Say the command ***Navigation***.

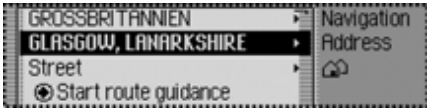


The navigation Fast Access menu appears.

◀ Navigation

You will hear a signal tone .

▶ Say the command ***Enter destination***.



The destination input menu appears.

◀ Would you like to retain GLASGOW (or another town)?

You will hear a signal tone .

▶ Say the command ***No***.

The data entry menu for the town appears.

◀ Please say the first letter of the town.

You will hear a signal tone .

▶ Spell out London ***L*** - ***O*** - ***N*** - ***D***.

The town selection list appears.

◀ Please select the line number for the town.

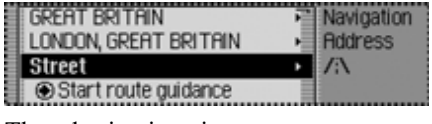
You will hear a signal tone .

As the required town does not appear in the list, you must scroll through it until it does.

▶ 🗣 Say the command ***Scroll forwards***.

The unit scrolls through the selection list.
◀ Scroll
You will hear a signal tone ⸗ .

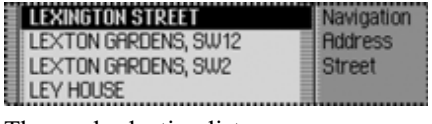
London is displayed in the first line.
▶ 🗣 Say the command ***Accept line number 1***.



The destination input menu appears again.
◀ The town „LONDON“ is entered. Would you like to enter a road?
You will hear a signal tone ⸗ .
▶ 🗣 Say the command ***Yes***.

The data entry menu for the road appears.
◀ Please say the first letter of the road.
You will hear a signal tone ⸗ .

▶ 🗣 Spell out the first few letters of Lexington Street ***L - E - X - I - N - G - T - O - N***.



The road selection list appears.
◀ Please select the line number for the road.
You will hear a signal tone ⸗ .
Lexington Street appears in the first line.
▶ 🗣 Say the command ***Accept line number 1***.
◀ The road „LEXINGTON STREET“ is entered.

◀ Would you like to enter a junction or a house number?
▶ 🗣 Say the command ***No***.
◀ Would you like to start route guidance to London, Lexington Street?
▶ 🗣 Say the command ***Yes***.

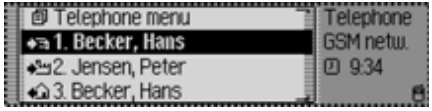
Route calculation to the destination is initiated.

Example for entering a telephone number*

The following description assumes that you are in the status display for radio mode.
You wish to dial the telephone number “07241345678”.

▶ Press the rotary control/push button .

You will hear a signal tone .
▶ Speak the command ***Communication***.



The Telephone fast access menu appears.

◀ Communication
You will hear a signal tone .
▶ Speak the command ***Dial number***.

The input menu for a telephone number appears.
▶ Speak the telephone number
0 - 7 - 2 - 4 - 1 - 3 - 4 - 5 - 6 - 7 - 8.

Note:
The telephone number can also be spoken in blocks.

◀ 07241345678

The input menu for the telephone number spoken appears.

You will hear a signal tone .
▶ Speak the command ***Dial***.
◀ The number will be dialled

Connection will be made to the telephone number spoken.

General commands

General commands are commands that are common to different operating modes.
For example, you can always call up online help.
A description of how to navigate on-screen lists also appears below.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Help function (online help)

The online help provides information about voice commands currently supported. Please note that the online help will only tell you about the voice commands supported for the current mode.
If you have added a new command or pressed a button, a different set of commands will be available for selection. You can find out about these by calling up the help function again.

▶ Press the rotary control/push button .

A border will appear around the current display and a signal tone will sound (if activated).

▶ Say the command ***Help*** or ***Operating instructions***.

The Traffic Pro reads out the commands that are supported for this function. The possible commands also appear on the display in text format.

Aborting voice dialogue

You can abort a voice dialogue at any time.

▶ Say the command ***Cancel*** or ***End***.

Navigation in lists

If a list containing a number of pages appears on the display, you can navigate this list by using voice commands.

Scroll forward one page

▶ Say the command ***Scroll forwards***.
Alternative commands:
Next page or ***Forwards***.

Scroll back one page

▶ Say the command ***Scroll backwards*** or ***Previous page***.

Jump to top of list

▶ Say the command ***Top of list***.
Alternative commands:
Display top of list or ***Display start of list***.

Select a list entry

▶ Say the command ***Accept [line] number ... (1 - 4)*** or ***[Select] [line] number ... (1 - 4)***.

Activate selected list entry

▶ Say the command ***Accept***, ***Ok*** or ***Add***.

Calling up the status display

You can switch to the status display for the currently active source from all menus.

▶ Say the command ***Status***.
Alternative commands:
Switch over or ***Main screen***.

Commands for status displays, fast access functions and main menus

The following commands are each valid for almost all menus, the status displays, fast access functions and main menus.

- You can switch the Traffic Pro off.
  🗣 Say the command ***Deactivate*** or ***Switch off radio***.
- You can call up radio mode.
  🗣 Say the command ***Radio***.
  Alternative commands:
  Radio on or ***Tuner on***.
- You can call up media mode.
  🗣 Say the command ***Media***.
  Alternative commands:
  Media [player] [on], ***CD [player] [on]***, ***CD [changer] [on]*** or ***Media [changer] [on]***.
- You can call up navigation mode.
  🗣 Say the command ***Navigation*** or ***Navi***.
- You can call up the address book.
  🗣 Say the command ***Address book*** or ***Name***.
- You can call up the information menu.
  🗣 Say the command ***Info*** or ***Information***.
- You can call up Telephone mode.*
  🗣 Speak the command ***Communication***.
- You can call up the sound menu (Only for media and radio).
  🗣 Say the command ***Tone***.
  Alternative commands:
  Open tone [menu] or ***Open sound [menu]***.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Commands for radio mode

If radio mode has been set as the active source, the following commands will always be available:

- Select next station.
  🗣 Say the command ***Next station*** or ***Play next station***.
- Select previous station.
  🗣 Say the command ***Previous station*** or ***Play previous station***.
- Select station with assigned voice entry.
  🗣 Say the command ***Play station ...****.
  Alternative commands:
  [Listen to] station ...* or ***[Set] [station] ...****.
- Switch on the mute function.
  🗣 Say the command ***Mute on***.
  Alternative commands:
  Mute radio, ***Mute audio*** or ***Mute media***.
- Switch off the mute function.
  🗣 Say the command ***Mute off***.
  Alternative commands:
  Unmute radio, ***Unmute audio*** or ***Unmute media***.

Commands for the radio status display

The following commands are available in the radio status display:

- Call up the options menu.
  🗣 Say the command ***Options*** or ***Open options [menu]***.
- Switch scan function on/off (page 61).
  Switch on:
  🗣 Say the command ***Scan [on]*** or ***Play sample [station]***.
  Switch off:
  🗣 Say the command ***Scan off*** or ***Deactivate play sample [station]***.
- Call up Radio main menu (page 58).
  🗣 Say the command ***Radio menu***.
  Alternative commands:
  [Open] radio menu or ***[Open] menu***.

- Switch radio text on/off (page 65).
  Switch on:
  🗣 Say the command ***Radio text on*** or ***[Activate] radio text***.
  Switch off:
  🗣 Say the command ***Radio text off*** or ***Deactivate radio text***.
- Call up TP menu (page 67).
  🗣 Say the command ***Traffic programme***.
  Alternative commands:
  Traffic info, ***Open traffic info [menu]*** or ***Open traffic programme [menu]***.
- Switch TP on/off (page 68).
  Switch on:
  🗣 Say the command ***Traffic programme on***.
  Alternative commands:
  Traffic info on, ***[Activate] traffic programme*** or ***[Activate] traffic info***.
  Switch off:
  🗣 Say the command ***Traffic programme off***.
  Alternative commands:
  Traffic info off, ***Deactivate traffic programme***, ***Reset traffic programme***, ***Deactivate traffic info*** or ***Reset traffic info***.
- Filter current station (page 62).
  🗣 Say the command ***Filter stations*** or ***Filter current station***.
- Store current station (page 71).
  🗣 Say the command ***Save station*** or ***Save station name***.
- Delete current station (page 73).
  🗣 Say the command ***Delete [station]***.
- Deleting a voice entry (page 74).
  🗣 Speak the command ***Delete voice entry***.
- Have a voice entry read out (page 74).
  🗣 Speak the command ***Read out voice entry*** or ***Listen to voice entry***.
- Read out all voice entries.
  🗣 Speak the command ***[All] voice entries***.
  Alternative commands:
  Read out [all] entries or ***Read out [all] voice entries***.

Commands for radio fast access mode

In radio fast access mode, the following commands are available:

- Select a station in fast access mode.
  🗣 Say the command ***Play station number ... (1 - X)***.
  Alternative commands:
  [Play] station [number] ... (1 - X) or ***[Select] station [number] ... (1 - X)***.
- Edit a station in fast access mode - Call up the Edit Station menu.
  🗣 Say the command ***Edit station number ... (1 - X)***, ***Edit station ... (1 - X)*** or ***Edit number ... (1 - X)***.
- Call up Radio main menu (page 58).
  🗣 Say the command ***Radio menu***.
  Alternative commands:
  [Open] radio menu or ***[Open] menu***.
- Call up Waveband menu (page 59).
  🗣 Say the command ***Waveband***.
  Alternative commands:
  [Open] waveband [menu] or ***[Open] station list [menu]***.
- Call up Programme Type menu (page 64).
  🗣 Say the command ***Programme type*** or ***Open programme type [menu]***.
- Call up Filter menu (page 58).
  🗣 Say the command ***Open filter menu*** or ***[Change] [to the] filter***.
- Call up TP menu (page 67).
  🗣 Say the command ***Traffic programme***.
  Alternative commands:
  Traffic info, ***Open traffic info [menu]*** or ***Open traffic programme [menu]***.
- Call up Voice Entries menu (page 74).
  🗣 Say the command ***Voice entries*** or ***Open voice entries***.
- Call up Reception Optimisation menu (page 66).
  🗣 Say the command ***Reception optimisation [menu]*** or ***[Open] reception optimisation [menu]***.

Commands in the Edit Station menu
The following commands are available in the Edit Station menu for the VHF wavebands - Alphabetical and VHF - according to quality:

- Filter station to be edited.
  Say the command ***Filter stations*** or ***Filter current station***.
- Store station to be edited (page 71).
  Say the command ***Save station*** or ***Save station name***.
- Set station to be edited as TP station (page 68).
  Say the command ***Set as traffic programme*** or ***[Set] station as traffic programme***.

The following commands are available in the Edit Station menu for the waveband station memory:

- Set station to be edited as TP station (page 68).
  Say the command ***Set as traffic programme*** or ***[Set] station as traffic programme***.
- Store current station (page 71).
  Say the command ***Save current station here*** or ***Save [[current] [station [here]]]***.
- Delete station (page 73).
  Say the command ***Delete [station]***.
- Move station in memory (page 72).
  Say the command ***Move station***.
- Name station in memory (page 73).
  Say the command ***Name station***.
- Create voice entry (page 74).
  Say the command ***Create voice entry***.
- Delete voice entry (page 74).
  Say the command ***Delete voice entry***.
- Listen to voice entry (page 74).
  Say the command ***Read out voice entry*** or ***Listen to voice entry***.

Commands for the Radio main menu

In the Radio main menu, the following commands are available:

- Call up Waveband menu (page 59).
  🗣 Say the command ***Waveband***.
  Alternative commands:
  [Open] waveband [menu] or ***[Open] station list [menu]***.
- Call up Programme Type menu (page 64).
  🗣 Say the command ***Programme type*** or ***Open programme type [menu]***.
- Call up Filter menu (page 58).
  🗣 Say the command ***Open filter menu*** or ***[Change] [to the] filter***.
- Call up TP menu (page 67).
  🗣 Say the command ***Traffic programme***.
  Alternative commands:
  Traffic info, ***Open traffic info [menu]*** or ***Open traffic programme [menu]***.
- Call up Voice Entries menu (page 74).
  🗣 Say the command ***Voice entries*** or ***Open voice entries***.
- Switch regionalisation on/off (page 65).
  Switch on:
  🗣 Say the command ***Regionalisation on*** or ***Activate regionalisation***.
  Switch off:
  🗣 Say the command ***Regionalisation off*** or ***Regionalisation off***.
- Call up Reception Optimisation menu (page 66).
  🗣 Say the command ***Reception optimisation [menu]*** or ***[Open] reception optimisation [menu]***.
- Switch bandwidth control on/off (page 67).
  Switch on:
  🗣 Say the command ***Adaptive bandwidth control on*** or ***[Activate] adaptive bandwidth control***.
  Switch off:
  🗣 Say the command ***Adaptive bandwidth control off*** or ***Deactivate adaptive bandwidth control***.

Commands in the Waveband menu

In the Waveband menu, the following commands are available (page 59):

- Set VHF waveband according to quality.
  🗣 Say the command ***FM quality***.
  Alternative commands:
  [Activate] [very high frequency] by quality, ***[Activate] [VHF] by quality***, ***[Activate] [FM] by quality***, ***[Select] [very high frequency] by quality***, ***[Select] [VHF] by quality*** or ***[Select] [FM] by quality***.
- Set VHF waveband alphabetically.
  🗣 Say the command ***FM alphabetically***.
  Alternative commands:
  [Activate] [FM] alphabetically, ***[Activate] [very high frequency] alphabetically***, ***[Activate] [VHF] alphabetically***, ***[Select] [FM] alphabetically***, ***[Select] [very high frequenc] alphabetically*** or ***[Select] [VHF] alphabetically***.
- Call up station memory.
  🗣 Say the command ***Station memory***.
  Alternative commands:
  Activate station memory, ***Activat mememory list***, ***Select station memory*** or ***Select memory list***.
- Select medium wave waveband.
  🗣 Say the command ***AM***.
  Alternative commands:
  [Activate] medium wave, ***[Select] medium wave***, ***[Activate] AM*** or ***[Select] AM***.
- Select short wave waveband.
  🗣 Say the command ***Short wave***.
  Alternative commands:
  [Activate] short wave, ***[Select] short wave***, ***[Activate] SW*** or ***[Select] SW***.

Commands in the Programme Type menu

In the Programme Type menu, the following commands are available (page 64):

- Switch programme type function on/off.
  Switch on:
  🗣 Say the command ***Programme type on*** or ***Activate programme type***.
  Switch off:
  🗣 Say the command ***Programme type off*** or ***Deactivate programme type***.
- Set all programme types to on.
  🗣 Say the command ***Reset*** or ***Reset programme type***.

Commands in the Filter menu

In the Filter menu, the following commands are available (page 62):

- Switch filter function on/off.
  Switch on:
  🗣 Say the command ***Filter on*** or ***Activate filter***.
  Switch off:
  🗣 Say the command ***Filter off*** or ***Deactivate filter***.
- Switch filter for a specific station on/off.
  Switch on:
  🗣 Say the command ***Station number ... (1 - X) filter on*** or ***[Activate] station [number] ... (1 - X) filter [on]***.
  Switch off:
  🗣 Say the command ***Station number ... (1 - X) filter off*** or ***Deactivate filter station [number] ... (1 - X)***.
- Switch filtering off for all stations.
  🗣 Say the command ***Reset***.
  Alternative commands:
  Reset [station] filter or ***Deactivate [station] filter***.
- Switch filter function for a station chain on/off.
  Switch on:
  🗣 Say the command ***Filter station chain*** or ***Filter entire station chain***.
  Switch off:
  🗣 Say the command ***Deactivate station chain filter***.
  Alternative commands:
  Deactivate entire station chain filter or ***[Entire] station chain filter off***.

Commands in the TP menu

In the TP menu, the following commands are available (page 67):

- Switch TP on/off.
  Switch on:
  🗣 Say the command ***Traffic programme on***.
  Alternative commands:
  Traffic info on, ***[Activate] traffic programme*** or ***[Activate] traffic info***.
- **Switch off:**
  🗣 Say the command ***Traffic programme off***.
  Alternative commands:
  Traffic info off, ***Deactivate traffic programme***, ***Reset traffic programme***, ***Deactivate traffic info*** or ***Reset traffic info***.
- Set TP station selection to automatic.
  🗣 Say the command ***Station automatic***.
  Alternative commands:
  [Search for] [traffic info] automatically or ***[Search for] [traffic info station] automatically***.
- Select a TP station manually.
  🗣 Say the command ***Station number ... (1 - X)***.
  Alternative commands:
  [Set] traffic programme [number] ... (1 - X) or ***[Set] station [number] ... (1 - X)***.
- Call up TP volume setting.
  🗣 Say the command ***Volume***.
  Alternative commands:
  Set traffic info volume, ***Set traffic programme volume*** or ***Set volume***.

Commands in the Voice Entries menu

In the Voice Entries menu, the following commands are available (page 66):

- Switch voice dialogue on/off when saving.
  Switch on:
  🗣 Say the command ***Dialogue for voice entries [on]*** or ***Activate dialogue for voice entries***.
  Switch off:
  🗣 Say the command ***Dialogue for voice entries off*** or ***Deactivate dialogue for voice entries***.
- Read out assigned voice entries.
  🗣 Say the command ***Read out entries***.
  Alternative commands:
  Read out [all] voice entries or ***Read out [all] entries***.

- Delete all assigned voice entries.
  🗣 Say the command ***Delete entries***.
  Alternative commands:
  Delete [all] entries or ***Delete [all] voice entries***.

Commands in the Reception Optimisation menu

In the Reception Optimisation menu, the following commands are available (page 66):

- Set automatic.
  🗣 Say the command ***Automatic*** or ***Select [automatic reception] optimisation [menu]***.
- Set stereo.
  🗣 Say the command ***Always stereo*** or ***[Select] [always] stereo***.
- Set mono.
  🗣 Say the command ***Always mono*** or ***[Select] [always] mono***.

Commands for media mode

If media mode has been set as the active source, the following commands will always be available:

- Select next track in directory/on CD (page 77).
  🗣 Say the command ***Next track*** or ***Play next track***.
- Select previous track in directory/on CD (page 77).
  🗣 Say the command ***Previous track*** or ***Play previous track***.
- Select next CD (CD changer only) (page 75).
  🗣 Say the command ***Next CD*** or ***Play next CD***.

- Select previous CD (CD changer only) (page 75).
  🗣 Say the command ***Previous CD***.
  Alternative commands:
  Play last CD or ***Play previous CD***.
- Select next directory (only for MP3 media) (page 75).
  🗣 Say the command ***Next directory***.
- Select previous directory (only for MP3 media) (page 75).
  🗣 Say the command ***Previous directory***.
- Select track using track number.
  🗣 Say the command ***Track number ... (1 - X)*** or ***[Play] track [number] ... (1 - X)***.
- Select CD using CD number.
  🗣 Say the command ***CD number ... (1 - X)***.
  Alternative commands:
  [Select] CD [number] ... (1 - X) or ***[Play] CD [number] ... (1 - X)***.
- Select directory using directory number.
  🗣 Say the command ***Directory [number] ... (1 - X)*** or ***Folder [number] ... (1 - X)***.
- Switch on mute function (page 22).
  🗣 Say the command ***Mute on***.
  Alternative commands:
  Mute CD, ***Mute audio*** or ***Mute media***.
- Switch off mute function (page 22).
  🗣 Say the command ***Mute off***.
  Alternative commands:
  Unmute CD, ***Unmute audio*** or ***Unmute media***.

Commands for the media status display

The following commands are available in the media status display:

- Call up the Options menu.
  🗣 Say the command ***Options*** or ***Open options [menu]***.
- Call up the Play Mode menu (scan function) (page 78).
  🗣 Say the command ***Playmode*** or ***Open playmode***.

- Call up the Media main menu (page 80).
  🗣 Say the command ***Media menu***.
  Alternative commands:
  [Open] media menu or ***[Open] menu***.
- Switch on scan function.
  🗣 Say the command ***Scan*** or ***Scan on***.
- Switch on track mix (random play function) (page 78).
  🗣 Say the command ***Track mix***.
  Alternative commands:
  Track mix [on] or ***Activate track mix***.
- Switch on repeat track (page 79).
  🗣 Say the command ***Repeat track***.
- Switch on normal playback sequence.
  🗣 Say the command ***Normal order*** or ***[Play] tracks in normal order***.
- Switch TP on/off (page 68).
  Switch on:
  🗣 Say the command ***Traffic programme on***.
  Alternative commands:
  Traffic info on, ***[Activate] traffic programme*** or ***[Activate] traffic info***.
  Switch off:
  🗣 Say the command ***Traffic programme off***.
  Alternative commands:
  Traffic info off, ***Deactivate traffic programme***, ***Reset traffic programme***, ***Deactivate traffic info*** or ***Reset traffic info***.

Commands for media fast access

In media fast access mode, the following commands are available:

- Call up Media main menu (page 80).
  🗣 Say the command ***Media menu***.
  Alternative commands:
  [Open] media menu or ***[Open] menu***.
- Switch to the internal CD drive (page 77).
  🗣 Say the command ***Internal CD*** or ***CD***.
- Switch to memory card (page 77).
  🗣 Say the command ***Memory card***.

Commands for the Media main menu

In the Media main menu, the following commands are available (page 80):

- Switch detailed track display on/off.
  Switch on:
  🗣 Say the command ***Detailed track display on*** or ***[Activate] [detailed] track display***.
  Switch off:
  🗣 Say the command ***Detailed track display off*** or ***Deactivate [detailed] track display***.

Commands for the media Play Mode menu

In the Play Mode menu, the following commands are available:

- Switch on scan function.
  🗣 Say the command ***Scan*** or ***Scan on***.
- Switch on track mix (random play function) (page 78).
  🗣 Say the command ***Track mix***.
  Alternative commands:
  Track mix [on] or ***Activate track mix***.
- Switch on repeat track (page 79).
  🗣 Say the command ***Repeat track***.
- Switch on normal playback sequence.
  🗣 Say the command ***Normal order*** or ***[Play] tracks in normal order***.

Only if CD changer is an active media source:

- Switch on track mix (random play function) (page 79).
  🗣 Say the command ***CD mix***.
  Alternative commands:
  CD mix [on] or ***Activate CD mix***.

- Switch on repeat CD (page 80).
  🗣 Say the command ***Repeat CD*** or ***Activate repeat CD***.

Only if MP3 is an active media source:

- Activating directory mix (page 80).
  🗣 Speak the command ***Directory mix***.
  Alternative commands:
  Directory mix [on] or ***Activate directory mix***.

Navigation commands

If navigation is active, the following commands are always available:

- Cancel route guidance (page 46).
  🗣 Say the command ***Stop route guidance***.
  Alternative commands:
  End route guidance, ***Stop navigation*** or ***End navigation***.
- Enter a stopover (page 47).
  🗣 Say the command ***Stop-over*** or ***Enter stop-over***.
- Switch directions on/off (page 50).
  Switch on:
  🗣 Say the command ***Instructions on***.
  Alternative commands:
  Activate instructions or ***Activate voice***.

  Switch off:
  🗣 Say the command ***Instructions off***.
  Alternative commands:
  Deactivate instructions or ***Deactivate voice***.
- Repeat direction.
  🗣 Say the command ***Instructions*** or ***Repeat instructions***.

Correction option for incorrect destination entry

▶ 🗣 Say the command ***Correction*** or ***Correct***.

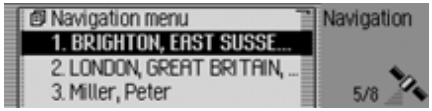
The list display disappears and you can spell the name correctly.

Commands for the navigation status display

The following commands are available in the navigation status display:

- Call up Navigation main menu (page 26).
  🗣 Say the command ***Navigation menu***.
  Alternative commands:
  [Open] navigation menu or ***[Open] menu***.
- Call up the Options menu (page 45).
  🗣 Say the command ***Options*** or ***Open options [menu]***.
- Call up the Route Options menu (page 33).
  🗣 Say the command ***Route options*** or ***Open route options***.
- Call up the route list (page 47).
  🗣 Say the command ***Route list*** or ***Open route list***.
- Call up the Traffic Announcements menu (page 47).
  🗣 Say the command ***Messages***.
  Alternative commands:
  [Open] message, ***[Open] traffic messages***, ***[Edit] messages*** or ***[Edit] traffic messages***.
- Call up the Block menu (page 49).
  🗣 Say the command ***Block***.
  Alternative commands:
  Edit block, ***Edit blocking***, ***Open block*** or ***Open blocking***.
- Display current position (page 51).
  🗣 Say the command ***[Display] [current] position***.
- Save current position (page 51).
  🗣 Say the command ***Save current position*** or ***Save position***.
- Switch TP on/off (page 68).
  Switch on:
  🗣 Say the command ***Traffic programme on***.
  Alternative commands:
  Traffic info on, ***[Activate] traffic programme*** or ***[Activate] traffic info***.
  Switch off:
  🗣 Say the command ***Traffic programme off***.
  Alternative commands:
  Traffic info off, ***Deactivate traffic programme***, ***Reset traffic programme***, ***Deactivate traffic info*** or ***Reset traffic info***.

Commands for navigation fast access



In navigation fast access mode, the following commands are available:

- Call up Navigation main menu (page 26).
  🗣 Say the command ***Navigation menu***.
  Alternative commands:
  [Open] navigation menu or ***[Open] menu***.
- Call up the navigation settings (page 55).
  🗣 Say the command ***Settings*** or ***Navigation settings***.
- Call up the Enter Destination menu (page 27).
  🗣 Say the command ***Enter address*** or ***Address***.
- Start destination input.

Note:

Use this command to start a guided dialogue for entering a complete address.
Please refer to the description under "Example for entering a navigation destination" on page 140.

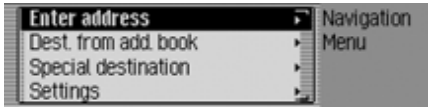
  🗣 Say the command ***Enter destination***.
  Alternative commands:
  Enter town, ***Enter street***, ***Spell town***, ***Spell street*** or ***Spell destination***.
- Select a destination from the address book (page 38).
  🗣 Say the command ***From address book*** or ***[Select] [destination] from address book***.
- Select a POI as destination (page 39).
  🗣 Say the command ***Enter special destination*** or ***Special destination***.
- Start navigation to a destination saved with a voice entry.
  🗣 Say the command ***Navigate to destination ...****.
  Alternative commands:
  Navigate to destination ...*, ***Navigate to entry ...****, ***Navigate to [destination] ...**** or ***Navigate to [address] ...****.

- Start navigation to a fast access destination.
  🗣 Say the command ***[Navigate] [destination] number ... (1 - X)***.
  Alternative commands:
  [Navigate] to destination [number] ... (1 - X), ***[Navigate] to address [number] ... (1 - X)***, or ***[Navigate] to entry [number] ... (1 - X)***.
- Edit a fast access entry.
  🗣 Say the command ***Edit [destination] number ... (1 - X)***.
  Alternative commands:
  Edit destination [number] ... (1 - X), ***Edit address [number] ... (1 - X)***, or ***Edit entry [number] ... (1 - X)***.

Commands in the Fast Access/Edit Destinations menu

- Save destination in address book (page 36).
  🗣 Say the command ***Save to the address book*** or ***Save [number] in the address book***.
- Switch entry protection on/off (page 35).
  Switch on:
  🗣 Say the command ***Protect entry on***.
  Alternative commands:
  Activate protect entry or ***Activate protect address***.
  Switch off:
  🗣 Say the command ***Protect entry off***.
  Alternative commands:
  Deactivate protect entry or ***Deactivate protect address***.
- Delete an entry (page 36).
  🗣 Say the command ***Delete entry*** or ***Delete address***.
- Delete entire list (page 36).
  🗣 Say the command ***Delete list*** or ***Delete entire list***.

Commands for the Navigation main menu

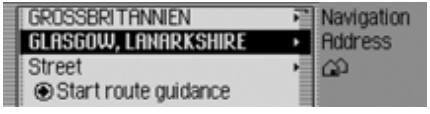


In the Navigation main menu, the following commands are available:

- Call up the navigation settings (page 55).
  🗣 Say the command ***Settings*** or ***Navigation settings***.
- Start address input (page 27).
  🗣 Say the command ***Enter address***. or ***Address***.

- Start destination input (page 27).
  🗣 Say the command ***Enter destination***.
  Alternative commands:
  Enter town, ***Enter street***, ***Spell town***, ***Spell street*** or ***Spell destination***.
- Select a destination from the address book (page 38).
  🗣 Say the command ***From address book*** or ***[Select] [destination] from address book***.
- Select a POI as destination (page 39).
  🗣 Say the command ***Enter special destination*** or ***Special destination***.

Commands for the Destination menu

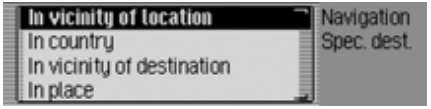


In the Destination menu, the following commands are available:

- Enter destination country (page 28).
  🗣 Say the command ***Country*** or ***Enter country***.
- Enter town (page 28).
  🗣 Say the command ***Town***.
  Alternative commands:
  Enter place or ***Enter town***.
- Enter town centre (page 31).
  🗣 Say the command ***Centre***.
  Alternative commands:
  Enter city centre, ***Enter suburb*** or ***Enter centre***.
- Enter destination road (page 30).
  🗣 Say the command ***Street*** or ***Enter street***.
- Enter junction (page 32).
  🗣 Say the command ***Intersection*** or ***Enter [street] intersection***.
- Enter house number (page 32).
  🗣 Say the command ***House number*** or ***Enter house number***.
- Call up the Route Options menu (page 33).
  🗣 Say the command ***Route options*** or ***Open route options***.

- Start route guidance to destination.
  🗣 Say the command ***Start route guidance*** or ***Start navigation***.
- Save destination in address book (page 36).
  🗣 Say the command ***Save to the address book*** or ***Save [number] in the address book***.

Commands for the POI menu



In the POI menu, the following commands are available:

- Select local POI (page 40).
  🗣 Say the command ***Special destination [in] [the] vicinity*** or ***[Special destination] [in [the]] surrounding area***.
- Selecting a POI in a specific country (page 41).
  🗣 Speak the command ***Special destination in country*** or ***[Special destination] [in [a]] country***.
- Selecting a POI in a specific town (page 41).
  🗣 Speak the command ***Enter town*** or ***[Special destination] [in [a]] town***.
- Selecting a POI in the destination area (page 41).
  🗣 Speak the command ***Special destination [in] [the] vicinity [of] [the] destination***.

POI categories (page 39)

Note:

The POI categories specified here are not commands in their own right. They can be used in conjunction with the commands ***In vicinity*** and ***In vicinity of destination***.

🗣 E.g. speak the commands ***Train station*** and ***In vicinity of destination*** one after the other.

A selection list will then be displayed showing the railway stations in the destination area.

- Motorway junction
  🗣 Say the command ***Motorway intersection*** or ***Motorway exit***.
- Motorway exits
  🗣 Say the command ***Motorway junction***, ***Motorway slip road*** or ***Motorway access road***.
- Railways
  🗣 Say the command ***Train station***, ***Central train station*** or ***Main station***.
- Airports
  🗣 Say the command ***Airport*** or ***Airfield***.
- Hotels
  🗣 Say the command ***Hotel*** or ***Motel***.
- Hospitals
  🗣 Say the command ***Hospital***.
- Options for parking
  🗣 Say the command ***Car park***.
  Alternative commands:
  Multi-storey, ***Layby*** or ***Parking site***.
- Restaurants
  🗣 Say the command ***Restaurant***.
- Petrol stations
  🗣 Say the command ***Petrol station***.

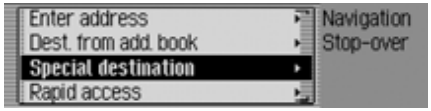
Commands for the Route Options menu

In the Route Options menu, the following commands are available (page 33):

- Set dynamic route calculation.
  🗣 Say the command ***Dynamic*** or ***[Select] dynamic route***.
- Set fast route.
  🗣 Say the command ***Quick*** or ***[Select] quick route***.
- Set short route.
  🗣 Say the command ***Short*** or ***[Select] short route***.

- Switch avoid motorway on/off.
  Switch on:
  🗣 Say the command ***Avoid motorway***.
  Alternative commands:
  Avoid motorway on or ***Activate avoid motorway***.
  Switch off:
  🗣 Say the command ***Avoid motorway off*** or ***Deactivate avoid motorway***.
- Switch avoid tunnel on/off.
  Switch on:
  🗣 Say the command ***Avoid tunnel***.
  Alternative commands:
  Avoid tunnel on or ***Activate avoid tunnel***.
  Switch off:
  🗣 Say the command ***Avoid tunnel off*** or ***Deactivate avoid tunnel***.
- Switch avoid toll on/off.
  Switch on:
  🗣 Say the command ***Avoid toll*** or ***Avoid toll on***.
  Switch off:
  🗣 Say the command ***Avoid toll off*** or ***Deactivate avoid toll***.
- Switch avoid ferries on/off.
  Switch on:
  🗣 Say the command ***Avoid ferry [on]*** or ***[Activate] avoid ferry***.
  Switch off:
  🗣 Say the command ***Avoid ferry off*** or ***Deactivate avoid ferry***.
- Set route options
  🗣 Say the command ***Ready***.

Commands for the Stopover menu

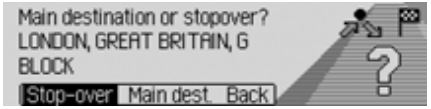


In the Stopover menu, the following commands are available (page 47):

- Enter full address as stopover.
  🗣 Say the command ***Enter address*** or ***Address***.
- Select a stopover from the address book.
  🗣 Say the command ***From address book*** or ***[Select] [destination] from address book***.

- Select a stopover as destination.
  🗣 Say the command ***Enter special destination*** or ***Special destination***.
- Select a stopover from the fast access list.
  🗣 Say the command ***Rapid access*** or ***[Select] [destination] via rapid access***.

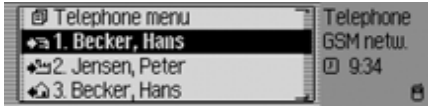
Prompt: Is the new destination a main destination or a stopover?



- Set as main destination.
  🗣 Say the command ***Main destination*** or ***Enter main destination***.
- Set as stopover.
  🗣 Say the command ***Stop-over*** or ***Enter stop-over***.

Commands for telephone mode*

Commands for telephone fast access mode*



In telephone fast access mode, the following commands are available:

- Calling up the Telephone main menu (page 89).
  🗣 Speak the command ***Telephone menu*** or ***Open telephone [menu]***.
- Calling up the input menu for a telephone number (page 90).
  🗣 Speak the command ***Dial number*** or ***Enter [telephone] number***.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

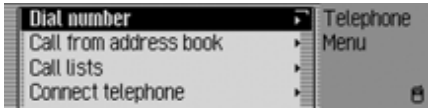
- Starting a redial to the number dialled last.
  🗣 Speak the command ***Redial*** or ***[Dial] [the] last [dialled] number***.
- Calling up a telephone number from a voice entry equipped address book entry.
  🗣 Speak the command ***Call [entry] ...****.
  Alternative commands:
  [Call] entry ...* or ***[Call] address ...****.
- Calling up a mobile phone number from a voice entry equipped address book entry.
  🗣 Speak the command ***Call [entry] ...* mobile***.
  Alternative commands:
  [Call] entry ...* mobile or ***[Call] address ...* mobile***.
- Calling up a work telephone number from a voice entry equipped address book entry.
  🗣 Speak the command ***Call [entry] ...* business***.
  Alternative commands:
  [Call] entry ...* business or ***[Call] address ...* business***.
- Calling up a private telephone number from a voice entry equipped address book entry.
  🗣 Speak the command ***Call [entry] ...* private***.
  Alternative commands:
  [Call] entry ...* private or ***[Call] address ...* private***.
- Calling a fast access telephone number.
  🗣 Speak the command ***Call telephone number ... (1 - X)***.
  Alternative commands:
  [Call] telephone number ... (1 - X), ***[Call] [entry] number ... (1 - X)*** or ***[Call] entry ... (1 - X)***.
- Editing a fast access telephone number.
  🗣 Speak the command ***Edit telephone number ... (1 - X)***.
  Alternative commands:
  Edit [[telephone] number] ... (1 - X) or ***Edit [[entry] number] ... (1 - X)***.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Commands in the Fast Access/ Edit Telephone Numbers menu*

- Switch entry protection on/ off (page 99).
  Switch on:
  🗣 Speak the command ***Protect entry on***.
  Alternative commands:
  Activate protect entry or ***Activate protect address***.
  Switch off:
  🗣 Speak the command ***Protect entry off***.
  Alternative commands:
  Deactivate protect entry or ***Deactivate protect address***.
- Deleting an entry (page 99).
  🗣 Speak the command ***Delete entry*** or ***Delete address***.
- Deleting the entire list (page 99).
  🗣 Speak the command ***Delete list*** or ***Delete entire list***.
- Saving a fast access telephone number in the address book.
  🗣 Speak the command ***Save to the address book***.
  Alternative commands:
  Save [number] to address book, ***Save [number] in the address book***, ***Save [entry] to address book*** or ***Save [entry] in the address book***.

Commands for the Telephone main menu*



In the Telephone main menu, the following commands are available:

- Calling up the input menu for a telephone number (page 90).
  🗣 Speak the command ***Dial number*** or ***Enter [telephone] number***.
- Selecting a telephone number from the address book (page 91).
  🗣 Speak the command ***Call from address book*** or ***[Call] number from [the] address book***.
- Calling up the Call Lists menu (page 92).
  🗣 Speak the command ***Call lists*** or ***Open call lists***.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

- Calling up the Settings menu (page 94).
  🗣 Speak the command Settings.
  Alternative commands:
  Open settings or ***Open telephone settings***.

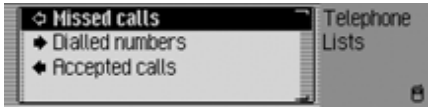
Commands in the input menu for telephone numbers*

Note:

Please refer to the description under "Example for entering a telephone number*" on page 142.
As well as digits, +, number sign or hash sign and asterisk can be spoken in the entry menu.

- Establishing a connection to the telephone number entered.
  🗣 Speak the command ***Dial*** or ***Dial number***.
- Redialling the number entered.
  🗣 Speak the command ***Repeat the number*** or ***Repeat [telephone] number***.
- Deleting the telephone number entered.
  🗣 Speak the command ***Delete input***.
  Alternative commands:
  Delete [entire] input, ***Delete [entire] number*** or ***Delete all***.

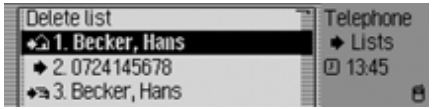
Commands in the Call Lists menu*



- Calling up the call list with the missed calls (page 92).
  🗣 Speak the command ***Missed calls*** or ***Select missed calls***.
- Calling up the calls list with the dialled calls.
  🗣 Speak the command ***Dialled numbers*** or ***Select dialled numbers***.
- Calling up the calls list with the answered calls.
  🗣 Speak the command ***Accepted calls*** or ***Select accepted calls***.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Commands in the call lists*



The commands in the three different call lists are the same.

- Deleting the call list (page 93).
  Speak the command ***Delete list*** or ***Delete entire list***.
- Calling up a telephone number from a voice entry equipped address book entry.
  Speak the command ***Call [entry] ...****.
  Alternative commands:
  [Call] entry ...* or ***[Call] address ...****.
- Calling up a mobile phone number from a voice entry equipped address book entry.
  Speak the command ***Call [entry] ...* mobile***.
  Alternative commands:
  [Call] entry ...* mobile or ***[Call] address ...* mobile***.
- Calling up a work telephone number from a voice entry equipped address book entry.
  Speak the command ***Call [entry] ...* business***.
  Alternative commands:
  [Call] entry ...* business or ***[Call] address ...* business***.
- Calling up a private telephone number from a voice entry equipped address book entry.
  Speak the command ***Call [entry] ...* private***.
  Alternative commands:
  [Call] entry ...* private or ***[Call] address ...* private***.
- Calling a fast access telephone number.
  Speak the command ***Call telephone number ... (1 - X)***.
  Alternative commands:
  [Call] telephone number ... (1 - X), ***[Call] [entry] number ... (1 - X)*** or ***[Call] entry ... (1 - X)***.
- Editing a fast access telephone number.
  Speak the command ***Edit telephone number ... (1 - X)***.
  Alternative commands:
  Edit [[telephone] number] ... (1 - X) or ***Edit [[entry] number] ... (1 - X)***.

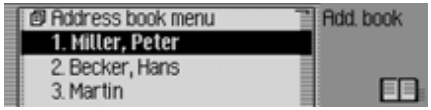
*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Commands in the Settings menu*

- Switching automatic call answering on/ off (page 94).
  Switch on:
  🗣 Speak the command ***Automatic call answering on***.
  Alternative commands:
  On [automatic] call answering or ***Activate [automatic] call answering***.
  Switch off:
  🗣 Speak the command ***Automatic call answering off***.
  Alternative commands:
  Off [automatic] call answering or ***Deactivate [automatic] call answering***.
- Switching automatic voice dialogue on/ off in the event of a call (page 94).
  Switch on:
  🗣 Speak the command ***Dialogue for calls [on]*** or ***Activate dialogue for calls***.
  Switch off:
  🗣 Speak the command ***Dialogue for calls off*** or ***Deactivate dialogue for calls***.

Commands for the address book

Commands for address book fast access



In address book fast access mode, the following commands are available:

- Call up Address Book main menu (page 102).
  🗣 Say the command ***Address book menu***.
  Alternative commands:
  [Open] address book menu or ***[Open] menu***.
- Create a new address book entry which can also be used by the navigation system (page 104).
  🗣 Say the command ***New entry navigable***.
  Alternative commands:
  [New] navigable address or ***[New] navigable entry***.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

- Create a new address book entry which cannot be used by the navigation system (page 102).
  🗣 Say the command ***New entry text only*** or ***[New] entry text [only]***.
- Calling up a telephone number from a voice entry equipped address book entry.*
  🗣 Speak the command ***Call [entry] ...****.
  Alternative commands:
  [Call] entry ...* or ***[Call] address ...****.
- Calling up a mobile phone number from a voice entry equipped address book entry.*
  🗣 Speak the command ***Call [entry] ...* mobile***.
  Alternative commands:
  [Call] entry ...* mobile or ***[Call] address ...* mobile***.
- Calling up a work telephone number from a voice entry equipped address book entry.*
  🗣 Speak the command ***Call [entry] ...* business***.
  Alternative commands:
  [Call] entry ...* business or ***[Call] address ...* business***.
- Calling up a private telephone number from a voice entry equipped address book entry.*
  🗣 Speak the command ***Call [entry] ...* private***.
  Alternative commands:
  [Call] entry ...* private or ***[Call] address ...* private***.
- Start route guidance to an address to which a voice entry has been assigned (page 112).
  🗣 Say the command ***Navigate to [entry] ...****.
  Alternative commands:
  Navigate to entry ...*, ***Navigate to address ...**** or ***Navigate to destination ...****.
- Starting a call to a fast access entry.
  🗣 Speak the command ***Call [entry] number ... (1 - X)***.
  Alternative commands:
  Call [entry] number ... (1 - X) or ***Call [address] number ... (1 - X)***.
- Starting a call to a mobile phone number from a fast access entry.*
  🗣 Speak the command ***Call [entry] ... (1 - X) mobile***.
  Alternative commands:
  [Call] [entry] [number] ... (1 - X) mobile or ***[Call] [address] [number] ... (1 - X) mobile***.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

- Starting a call to a work telephone number from a fast access entry.*
  🗣 Speak the command ***Call [entry] ... (1 - X) business***.
  Alternative commands:
  [Call] [entry] [number] ... (1 - X) business or ***[Call] [address] [number] ... (1 - X) business***.
- Starting a call to a private telephone number from a fast access entry.*
  🗣 Speak the command ***Call [entry] ... (1 - X) private***.
  Alternative commands:
  [Call] [entry] [number] ... (1 - X) private or ***[Call] [address] [number] ... (1 - X) private***.
- Edit an entry to which a voice entry has been assigned (page 107).
  🗣 Say the command ***Edit [entry] ...****.
  Alternative commands:
  Change entry ...* or ***Change address ...****.
- Open an entry to which a voice entry has been assigned (page 107).
  🗣 Say the command ***Open [entry] ...****.
  Alternative commands:
  [Open] entry ...* or ***[Open] address ...****.
- Start route guidance to an address.
  🗣 Say the command ***Navigate to [entry] number ... (1 - X)***.
  Alternative commands:
  Navigate to entry number ... (1 - X) or ***Navigate to address number ... (1 - X)***.
- Edit an entry/Call up the Edit menu (page 107).
  🗣 Say the command ***Edit [entry] number ... (1 - X)***.
  Alternative commands:
  Change entry [number] ... (1 - X) or ***Change address [number] ... (1 - X)***.
- Open an entry (page 107).
  🗣 Say the command ***[Entry] number ... (1 - X)***.
  Alternative commands:
  [Open] [entry] number ... (1 - X) or ***[Open] [address] number ... (1 - X)***.
- Find an entry (page 105).
  🗣 Say the command ***Search for entry*** or ***Search [for] address***.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

- Call up the Search Criterion menu (page 106).
  🗣 Say the command ***Search criterion*** or ***Set search criterion***.
- Call up Voice Entries menu (page 112).
  🗣 Say the command ***Voice entries*** or ***Open voice entries***.

Commands in the Fast Access/Edit Entries menu

- Switch entry protection on/off (page 113).
  Switch on:
  🗣 Say the command ***Protect entry on***.
  Alternative commands:
  Activate protect entry or ***Activate protect address***.
  Switch off:
  🗣 Say the command ***Protect entry off***.
  Alternative commands:
  Deactivate protect entry or ***Deactivate protect address***.
- Delete an entry (page 108).
  🗣 Say the command ***Delete entry*** or ***Delete address***.
- Delete entire list (page 114).
  🗣 Say the command ***Delete list*** or ***Delete entire list***.

Commands in the Edit menu

- Call up menu for editing data (page 107).
  🗣 Say the command ***Change data*** or ***Change address***.
- Delete entry (page 108).
  🗣 Say the command ***Delete entry*** or ***Delete address***.
- Create voice entry (page 108).
  🗣 Say the command ***Create voice entry***.
- Delete voice entry (page 108).
  🗣 Say the command ***Delete voice entry***.
- Listen to voice entry (page 108).
  🗣 Say the command ***Read out voice entry*** or ***Listen to voice entry***.
- Exporting an address book entry (page 110).*
  🗣 Speak the command ***Export entry***.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

Commands in the Edit Data menu

- Save data entered.
  🗣 Say the command ***Save***.

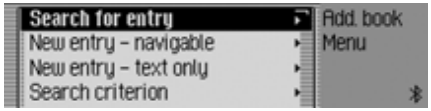
Commands in the menu for selecting a *Bluetooth* device for export*

- Searching for a *Bluetooth* device (page 109).
  🗣 Speak the command ***Search for devices*** or ***Search for device***.

Commands when an entry is open

- Call up the Edit menu.
  🗣 Say the command ***Edit [entry]*** or ***Edit [address]***.
- Start destination guidance to the open entry (page 112).
  🗣 Say the command ***Navigate***.
  Alternative commands:
  Start navigation or ***Start route guidance***.

Commands for the Address Book main menu



In the Address Book main menu, the following commands are available:

- Create a new address book entry which can also be used by the navigation system (page 104).
  🗣 Say the command ***New entry navigable***.
  Alternative commands:
  [New] navigable address or ***[New] navigable entry***.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

- Create a new address book entry which cannot be used by the navigation system (page 102).
  🗣 Say the command ***New entry text only*** or ***[New] entry text [only]***.
- Find an entry (page 105).
  🗣 Say the command ***Search for entry*** or ***Search [for] address***.
- Call up the Search Criterion menu (page 106).
  🗣 Say the command ***Search criterion*** or ***Set search criterion***.
- Set search criterion to name (page 106).
  🗣 Say the command ***Search by name*** or ***Set search by name***.
- Set search criterion to town (page 106).
  🗣 Say the command ***Search by town*** or ***[Set] search by town***.
- Call up Voice Entries menu (page 108).
  🗣 Say the command ***Voice entries*** or ***Open voice entries***.
- Exporting an address book (page 109).*
  🗣 Speak the command ***Export address book***.

Commands in the Voice Entries menu

In the Voice Entries menu, the following commands are available:

- Switch voice dialogues on/off when saving (page 108).
  Switch on:
  🗣 Say the command ***Dialogue for voice entries [on]*** or ***Activate dialogue for voice entries***.
  Switch off:
  🗣 Say the command ***Dialogue for voice entries off*** or ***Deactivate dialogue for voice entries***.
- Read out assigned voice entries (page 108).
  🗣 Say the command ***Read out entries***.
  Alternative commands:
  Read out [all] voice entries or ***Read out [all] entries***.

*Only available for the Traffic Pro with *Bluetooth*® wireless technology.

- Delete all assigned voice entries (page 108).
  🗣 Say the command ***Delete entries***.
  Alternative commands: ***Delete [all] entries*** or ***Delete [all] voice entries***.

Commands in the Search Criterion menu

In the Search Criterion menu, the following commands are available (page 106):

- Set search criterion to name.
  🗣 Say the command ***Search by name*** or ***Set search by name***.
- Set search criterion to town.
  🗣 Say the command ***Search by town*** or ***[Set] search by town***.

AUX
(**Aux**iliary)
Option to connect external audio signals.

Balance
Volume setting between left and right loudspeakers.

Bluetooth
Technology for wireless data communication over short distances of up to approx. 10 metres.

CDC
(**C**ompact **D**isc **C**hanger)
CD changer.

CD-R
(**C**ompact **D**isc **R**ecordable)
CD which can be written once only.

CD-RW
(**C**ompact **D**isc **R**e**W**ritable)
CD which can be written more than once.

CF card
(**C**ompact **F**lash)
Type of memory card, rewriteable removable memory card developed in 1994 by SanDisc.
There are two different types of CF card, type 1 (3.3 mm thick) and type 2 (5 mm thick).

Code number
Secret number that must be entered to activate the unit.

Crossover
An adjustable dividing network which divides the frequency ranges before the output stage.

DTMF
(**D**ual **T**one **M**ulti**F**requency dialling) A multi-frequency dialling procedure.

Fader
(fader control)
Volume setting between front and rear loudspeakers.

Folder
Directory
Folder on a CD/memory card/micro-drive containing MP3 tracks.

GAL
(**G**eschwindigkeits**A**bhängige **L**autstärke-regelung) (speed-dependent volume control)
The volume increases as the speed of the vehicle increases.

GMT
(**G**reenwich **M**ean **T**ime)
Central European time
Standard time at degree of longitude 0 (the degree of longitude through Greenwich, Great Britain). This time is used all over the world as the standard time for synchronising data acquisition.

GPS
(**G**lobal **P**ositioning **S**ystem)
System for position determination. Basis for navigation.

ID3 tag
"Table of contents" for an MP3 track. Contains information such as title, artist, album, year and genre.

Loudness
Improves sound at low volumes by increasing bass and treble.

Micro-drive
Hard disk in Compact Flash II format
In response to constant minimisation in the size of multi-media formats, IBM developed the smallest hard disk in the world, the micro-drive. Although it is the same size as a Compact Flash II memory card, it conceals a real hard disk. It can be purchased in various capacity ratings.

MP3
Special process for compressing audio data (e.g. music).

Off-road
Warning from the navigation system if you are in an area not covered by the digital road map.

PTT
(**P**ush **T**o **T**alk)
Describes the initiation of voice dialogue in voice mode.

PTY ID
(**P**rogramme **Ty**pe ID)
Identification of the programme transmitted by a station.
Possible PTYs are:

- Children€s Progs abbreviated to Children
- Country Music abbreviated to Country
- Cultures abbreviated to Cultures
- Current Affairs abbreviated to Affairs
- Documentary
- Drama abbreviated to Drama
- Easy Listening abbreviated to Easy M.
- Education
- Finance abbreviated to Finance
- Folk Music
- Information abbreviated to Info
- Jazz Music
- Leisure & Hobby
- Light Classic M abbreviated to Light M.
- National Music abbreviated to National M
- News abbreviated to News
- Oldies Music abbreviated to Oldies
- Other Music abbreviated to Other M.
- Phone In abbreviated to Phone In
- Pop Music abbreviated to Pop M.
- Religion
- Rock Music abbreviated to Rock M.
- Science abbreviated to Science
- Serious Classic M abbreviated to Classics
- Social Affairs
- Sport
- Travel & Touring abbreviated to Travel
- Varied Speech abbreviated to Varied
- Weather

Radio text
Additional information transmitted by most VHF stations via RDS.

RDS
(**R**adio **D**ata **S**ystem)
A process for transmission of inaudible information on the VHF band.

Surround
Surround sound function. Surround sound can be simulated by means of special settings.

TMC
(**T**raffic **M**essage **C**hannel)
Traffic announcements transmitted by most VHF stations via RDS. Basis for dynamic navigation.

Index

A

Acoustic signals 130
Address book 102
  Exporting 109
Address book entry
  Calling 113
  Create 102
  Delete 108
  Edit 107
  Exporting 110
  Find 105
  Importing 110
  Modify 107
  Navigate 112
  Supports navigation 104
  Text only 102
Address book fast access function
  Delete entry 114
  Delete list 114
  Protect entry 113
Always allow connection 116
Always mono 67
Always stereo 67
AM mode 69
Ambient noise 136
Announce time of arrival 56
Announcements
  Switch off 50
  Switch on 50
Answered calls 92
Anti-theft device 14
Audio mode 75
Automatic 67
Automatic call answering 94
Automatic dialogues 126
AUX 131, 177
AUX source 131
Avoid Ferry 34
Avoid Motorway 34
Avoid Toll 34
Avoid Tunnel 34

B

Balance 20, 177
Bandwidth control 67
Bass 19
Becker Surround 21
Block 49
  Cancel 49
Block route 49
  Cancel 49
Bluetooth devices
  Connecting 118
  Deleting from list 117
  Disconnecting 121
  Naming 117
Bluetooth telephone mode 88
Busy 91, 92
Buttons 9, 10

C

Call
  Accept 95
  End 96
  End call 96
  Reject 96
Call list
  Delete 93
  Deleting an entry 93
  Information 93
Call up system settings 129
Calling up general settings 115
Cancel filtering
  Station 63
  Station chain 63
Cancel route guidance 46
Cancelling traffic announcements ..69

CD
Eject 82
Insert 82
Notes 81
CD changer 86
CD magazine
Eject 86
Load 86
CD mix 80
CD mode 81
CD selection 75
CDC 86, 177
CD-R 82, 177
CD-RW 82, 177
Centre 31
CF card 177
Clock 133
Code number 14
Enter 14
Incorrect number 14
Confirm voice entry 127
Confirm warning message 17
Control panel
Insert 16
Remove 15
Unlock 15
Controls 9, 10
Coordinates 51
Copy protection 82
Country 28
Crossover 21, 177
Current position
Display 51, 52
Store 51, 52
Current time 44

D

Day/ night design 131
Deactivating the hands-free unit 97
Delete personal data 132
Deleting a stopover 48
Destination from address book 38
Destination reached 45
Destination road 30
Destination town 28, 31
Detailed track display 81
Detailed voice output 127
Dial number 90
Difficult reception areas 67
Digital level 130
Direction arrows 45
Direction of rotation 132
Directory mix 80
Disabled 15
Display
Current position 51
Current time 44
Distance to travel 44
Journey time remaining 44
Route Option 52
Voice setting 125
Display Traffic Information 54
Display voice settings 125
Displaying TMC messages 54
Distance to travel 44
DTMF 97
Dynamic navigation 52
Dynamic Route 33
Dynamic route guidance 52

Index

E

Emergency call 93
Enter
- Centre 31
- Code number 14
- Country 28
- Destination 27
- House number 32
- Junction 32
- Point of interest 39
- Postcode 29
- Road 30
- telephone number 90
- Town 28

Enter telephone number 90
Entering a destination 27
Equalizer 18
ETA 56
Extended PTT 127
External device 131
External hands-free unit 131

F

Factory settings 132
Fader 20, 177
Fader control 20
Fast access
- Address Book 113
- Media mode 75
- Navigation 35
- Radio mode 60
- Telephone mode 98

Fast forward 77
Fast rewind 77
Fast Route 34
Filter function 62
- Switch off 62
- Switch on 62

Filter stations 63
Folder 83
Forward 77

G

GAL 129, 177
General road safety 8
GMT 133, 177
GPS 177

H

Height above sea level 51
Help function 143
House number 32

I

ID3 tag 83, 178
Imperial 57
Information
- About POIs 42
- During route guidance 50

Inserting
- Memory card 85
- Micro-drive 85

Intended purpose 7

J

Journey time remaining 44
Junction 32

L

Loudness 20, 178

M

Main menu
- Address Book 102
- Media mode 80
- Navigation 26
- Radio mode 58
- Telephone mode 89

Manual station tuning 62
Media mode 75
- Switch on 75

Medium wave 59, 69
Memory card 84
- Insert 85
- Remove 85

Menu
- Basics 11
- Data entry 13
- Fast Access 11
- Main menu 11
- Operation 12
- Options 12
- Status display 12

Metrisch 57
Micro-drive 84, 178
- Insert 85
- Remove 85

Missed calls 92
MP3 . . . . . 83, 178
- Create data media 83
- Notes 83

MP3 mode 83
Mute 22
- Switch off 22
- Switch on 22

Mute function 22

N

Name station 73
Navigation 24
- Activate 26
- Cancel 46
- Settings 55
- Switch off 46
- Switch on 26

Navigation announcements
- Switch off 50
- Switch on 50

Navigation CDs 24
Navigation displays 44
Navigation fast access
- Delete entry 36
- Delete list 36
- Navigate 35
- Protect entry 35

New route 45
Number from address book 91
Number is busy 91, 92
Numbers dialled 92

O

Off-road 45, 178
Options menu
- Media mode 78
- Navigation 45
- Radio 61
- Telephone mode 96

P

Play mode 78
POI 39
Point of interest 39
- In country 40
- In place 41
- Information 42
- Local 40
- Local area of destination 41

Position
- Display 51, 52
- Store 51, 52

Postcode 29
Private 97
Programme type 64
- Switch off 64
- Switch on 64

PTY 64
- Switch off 64
- Switch on 64

Push To Talk 127

R

Radio mode 58
Radio text 179
- Switch off 65
- Switch on 65

Random play 78
Random play function 78
RDS 179
Recalculating route 45
Reception optimisation 66
Reception-related interference 66
Regional programme 65
Regionalisation 65
- Switch off 65
- Switch on 65

Removing
- Memory card 85
- Micro-drive 85

Repeat CD 79
Repeat track 79
Repeat voice announcement 127
Reset function 132
Reset settings 132
Rewind 77
Road 30
Route list 47
Route Option 49, 52
- Avoid Ferry 34
- Avoid Motorway 34
- Avoid Toll 34
- Avoid Tunnel 34
- Display 52
- Dynamic Route 33
- Fast Route 34
- Modify 49, 52
- Short Route 34

Route option 33

S

Safety instructions 7, 24, 44
Saving a destination 34
Saving a destination in the address book 36
Saving a number in the address book 100
Scan
- FM 61
- Media 79
- Medium wave 70
- Short wave 70

Scan function
FM 61
Media 79
Medium wave 70
Short wave 70
VHF 61
Search for location 106
Select
Centre 31
Country 28
House number 32
Junction 32
Point of interest 39
Road 30
Telephone mode 94
Town 28
Select telephone mode 94
Set
Balance 20
Bass 19
Equalizer 19
ETA 56
ETA calculation 56
Fader 20
Language 124
System language 124
Time 133
Treble 19
Voice mode 123
Voice output 126
Waveband 59
Set language 124
Setting the system language 124
Setting voice output 126
Short Route 34
Short wave 59, 69
Software update 133
Sound setting 18
Reset 22
Set 18
Speed-dependent volume control ..129
Standby mode 17
Station list 60
Station memory 71
Delete entry 73
Move entry 72
Name entry 73
Status display
Media mode 76
Navigation 43
Radio mode 60
Telephone mode 95
Stopover 47
Store
Current position 51
Station 71
Storing stations 71
Subwoofer 21
Surround 21, 179
Surround sound 21
Switch off
Announcements 50
Filter function 62
Navigation announcements 50
Programme type 64
Radio text 65
Regionalisation 65
Route guidance 46
Traffic programme 68
Switch on
Announcements 50
Bluetooth telephone mode 88
Filter function 62
Navigation announcements 50
Programme type 64
Radio mode 58
Radio text 65
Regionalisation 65
Telephone mode 88
Traffic programme 68

Switching off 17
Switching on 17
Media mode 75
System settings 128

T

Technical data 187
Telephone fast access mode
Delete list 99
Deleting an entry 99
Direct call 98
Protect entry 99
Telephone mode 88
Telephone number from address book . 91
Temperature protection circuit 82
Threshold frequency 21
Time 133
Time format 133
TMC 52, 179
TMC messages 47, 51, 52, 54
Tone 18
Tone centre 20
Tone distribution 20
Town 28
TP 67
Track jump 77
Track mix 78
Track skip 77
Traffic announcements . 47, 51, 52, 54
Read out 47, 54, 55
Set 55
Traffic Pro
Mute 22
Reset 132
Switch off 17
Switch on 17
Traffic programme 67
Announcement 69
Automatic 68
Select station 68
Switch off 68
Switch on 68
Volume 69
Treble 19

U

Unit
Disabled 15
Mute 22
Reset 132
Switch off 17
Switch on 17
Update 133
Users 1-3 19

V

VHF - According to quality 59
VHF - Alphabetical 59
Voice commands 135
Address book 170
Bluetooth telephone mode 165
Fast access functions 144
General commands 142
Main menus 144
Media mode 153
Navigation 157
Navigation in lists 143
Radio mode 145
Status displays 144
Voice control system 136

Voice dialogue
End 137
Examples 138
Voice entries
Address Book 108
Delete 126
Radio 66
Read out 126
Voice entry signal 127
Voice entry, address book
Create 108
Delete 108, 112
Read out 112
Voice entry, radio
Create 74
Delete 66, 74
Read out 66, 74
Voice mode 135
Activate 136
Voice output volume 125
Volume 20
Acoustic signals 130
Display 130
Increase 18
Reduce 18
Set 18
Traffic programme 69
Voice output 125

W

Waveband 59

Technical data

- **Wavebands:**
  FM 87.5 MHz - 108 MHz
  MW 531 kHz - 1620 kHz
  KW 5800 kHz - 6250 kHz
- **Frequency range:**
  20 Hz - 20 kHz for CD operations
  30 Hz - 15 kHz for FM
  50 Hz - 2.5 kHz for MW, KW
- **Output:**
  4 x 18 W RMS
- **Line cross section:**
  For power supply min. 0.75 mm²
- **Loudspeaker impedance:**
  min. 4 Ω
- **Line out:**
  4 x analogue Line Out (Ua max 3Vrms at 10 kΩ)
  1 x analogue Line Out Mono (Ua max 3Vrms at 10 kΩ) for subwoofer
- **GAL:**
  In order to utilise GAL, a square wave voltage with a mass-related amplitude of +4 V to +12 V must be provided by the vehicle's electronic speedometer. Volume is increased in 7 increments of 2.5dB each.
- **Antenna:**
  Impedance 50 Ω
- **AUX input:**
  16 KΩ Input resistance, max. input voltage 1.7 Vrms
- **Telephone mute:**
  Low active level < 2 V
- **Supply voltage:**
  12 V
- **CD connection:**
  The Becker Silverstone 7860 CD changer can be connected.
- **Playable CDs:**
  Only CDs which comply with DIN EN 60908 can be used. The use of 8 cm CDs with an adapter is not permitted.

NOTICE

Dear Listener,

In conformance with current EC guidelines, any person may operate this radio receiver.
This unit conforms to the current valid European or harmonised national standards. This designation is your guarantee that the unit conforms to the applicable specifications regarding electromagnetic compatibility. This means that interference with other electrical/electronic devices caused by the unit, or interference with this unit caused by other electrical/electronic devices is largely prevented.

The EC type-approval mark (e1) issued by the Federal Office for Transport (KBA) in accordance with European Directive 95/54/EC governing the EMC of motor vehicles authorises installation and operation of the unit in motor vehicles (classes M, N and O).

023977

With regard to the following European standards, the EMC requirements that apply specifically to this unit have been met:

- EN 55013
- EN 55020