

NPD5500 Navigation Unit

Owner's Manual

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Explanation of symbols

The following symbols are used in this user manual:

- ! This symbol denotes safety and warning notes. They contain important information about the safe use of your device. Failure to observe this information may result in damage or injury. Therefore, please observe this information with particular care.
- ◆ Denotes an action to be taken.
- ! Here, you receive useful tips and information about the use of the system.
- “ Terms in quotation marks refer to screen menu options

For your safety!

- ! The use of the navigation system by no means relieves the driver of his/her responsibilities. Traffic regulations and current traffic conditions must always be observed. They will always have precedence over the advice from the navigation system if the current traffic situation contradicts the navigation system instructions.
- ! The system does not take into account the relative safety of the suggested routes. Closed roads, construction sites, height or weight restrictions, traffic or weather conditions or other factors influencing the safety or travel time of the route will not be considered for the suggested routes. Check the suitability of the suggested routes yourself. Use the “Alternate route” function to receive better route suggestions or simply take the preferred route and leave the planning of the new route to automatic route re-calculation.
- ! For reasons of traffic safety, make any entries to the navigation system before you depart or when the vehicle is standing.
- ! In certain areas, one-way streets, turning and entry prohibitions (e.g. pedestrian zones) are not recorded. The navigation system issues a warning in such areas. Pay particular attention to one-way streets, turning and entry restrictions.
- ! Please ensure that any person who may use your multimedia system has access to this user’s manual and reads the guidelines and recommendations for the use of the system prior to first use.

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- ! If your monitor is mounted on a flexible mount, adjust it in such a manner that you can glance at the screen quickly and simply and avoid reflections and glare. Stop at a suitable place before making any adjustments.
- ! If your monitor is mounted on a fixed mount, check if your dealer installed it according to the recommendations above. The monitor should not be installed in any location where it might impede the view of elements required for the safe operation of the vehicle (e.g. road, mirror, instrumentation, vehicle surroundings). Also, the monitor must not be installed within the airbag inflation zone.
- ! Only glance at the screen if this is possible without danger. If you need to look at the screen for an extended time, please pull over at a suitable location.
- ! Always store the remote control at a safe location.
- ! The values for current speed, travel time and distance traveled displayed by the on-board computer are calculated. Precision cannot be guaranteed in all cases. For the current speed, the vehicle speedometer is considered accurate.
- ! If you are looking for emergency services (police, fire department, etc.), do not rely solely on the navigation system. There is no guarantee that all available emergency services in your vicinity are stored in the database. In such a situation, you must rely on your own judgment and capabilities to secure help.

Maintenance and care

To clean the system, do not use cleaning gasoline, alcohol or other solvents. A moistened cloth would be best suited.

Functions of your navigation system

The Multi Media System you purchased is a high-performance instrument for the support of the driver in daily traffic. Simply enter your destination before your departure, activate "Guidance" and then drive off. The navigation system provides you with visual and acoustic driving information. The system is easy to operate, with few control elements and a clearly structured menu.

System expansion

In connection with a TMC expansion (where available), the system will show you the current traffic situation on your route and will guide you around traffic problems. Numerous system expansions permit extending the system into an information and entertainment system.

Distance indications

On main highways, the system's distance indications to exits may deviate from the indications on the road signs. The signs on main highways measure the distance to the beginning of the exit while the system always calculates the distance to the end of the deceleration lane. This is equivalent to the point where the lanes separate.

GPS reception

The system is capable of functioning even with poor GPS reception, but the accuracy of the positioning may be limited.

Start-up characteristics

While a vehicle is parked for longer periods of time, the satellites continue their orbit. Therefore, after turning on the ignition, it may take several minutes until enough satellites can be received and evaluated. Satisfactory reception (three-dimensional position) is indicated by the green satellite icon on the screen. If GPS reception is insufficient, the satellite icon remains red.

During the start-up sequence, it is possible that the navigation system will announce: "Please proceed to the planned route". The navigation system assumes that the vehicle is located away from a digitized road. If other roads exist in this area, the navigation system may issue incorrect messages. The navigation system assumes that the vehicle is located on another road.

Automatic route re-calculation

If you ignore the system's announcements, the system will automatically plan a new route.

Areas with limited road information

In some areas, not all of the information about a road is available on the map DVD/CD. Thus, for example, turning prohibitions, information on the direction of travel in a one-way street or prohibited entry into a pedestrian zone may be missing. The navigation system will display a warning if you drive into such an area.

Switching on / off

The multimedia system is turned on and off with the ignition. If the system was not switched to stand-by, a title screen will appear first. A message about the use of the system follows. Confirm your selection by pressing the OK key. After several seconds, the system will be functioning.

All adjustments to the system setting will be saved upon switching it off.

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Remote control

It will be necessary to change the remote control batteries when you use the remote control away from its holder and the navigation system no longer reacts to the push of keys or if the battery symbol appears on the screen status line. To continue the use of the system, push the remote control into the holder, as the batteries are not needed there.

Some keys on the remote control have a double function which can be activated by pressing the key briefly under one second or more than a second.

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- ❶ FAVOURITE - The key can be freely programmed to accommodate specific functions (see also chapter settings).
- ❷ ENTERTAIN - Press the key < 1 second to switch to the last entertainment source in use. Press the key > 1 second to go directly to the Info Menu.
- ❸ NAVIGATION - Press the key < 1 second to switch between the routing displays. Press the key > 1 second to go directly to the Start Menu.
- ❹ Acoustic message volume control.
- ❺ Cursor keys as well as OK confirmation key.
- ❻ VOICE / ALT-R - Press the key < 1 second to retrieve current acoustic routing information. Press the key > 1 second to plan an alternative route.
- ❼ HOME - If your home address is stored in the address book, pressing the HOME key < 1 second will directly retrieve your home address. Pressing it > 1 second your work address will appear if it is stored in the address book.
- ❽ ESC - takes you to the previous menu.

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- ❶ MAP - Changing guidance screen displays or switching between menus and guidance displays.
- ❷ MENU - Calling up the start menu.
- ❸ Setting the volume of voice messages. Volume setting.
- ❹ Cursor keys as well as OK confirmation key.
- ❺ ALT-R - Planning an alternate route
- ❻ REP - Request current guidance advice

Stand-by

You can switch the system into stand-by from the start menu. Select Stand-by and press OK. The screen is turned off, the navigation voice messages will continue. If you wish to first stop navigation, press the OK key on one of the navigation screens. Select "Stop guidance" and press OK.

Inserting/changing the map DVD/CD

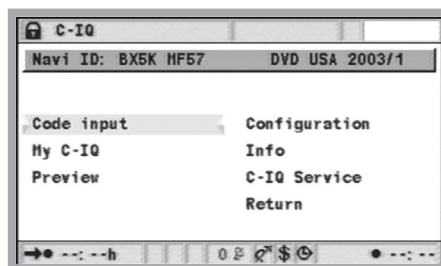
- ◆ If the blue power LED is illuminated, press the eject key on the navigation computer once (with the ignition on).
- ◆ If the power LED does not illuminate, press the eject key twice. The system ejects the DVD/CD.
- ◆ Remove the DVD/CD and insert the new map DVD/CD carefully, printed side up, until it is pulled in. After exchanging map DVDs/CDs, the system requires several seconds to initialize.

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C-IQ - Your key to map and travel information

You received a DVD/CD with current map and other travel information with your system. In some countries, the information on the CD is encrypted and is activated for a defined time, partially or completely, on demand with an access key. Advantages for you:

- You pay only for information that you actually use.
- You pay only for the time you need it.
- After the initial activation, you will automatically receive successive DVD/CD releases.
- You will always have the latest information.
- Activation is easily obtained via the internet or over the telephone.



Activation options

The DVD/CD contains all regionally collected road data. Wherever available, they offer travel information such as Destinations +. You can have individual states and individual guides activated for a certain period of time (see also the preview in this chapter). Your C-IQ service will be happy to inform you about the available activation options (see also C-IQ Service in this chapter).

Reading the Navi ID

Please have your Navi ID and the software code ready when contacting service. Reading the identification:

- ◆ In the start menu, select "C-IQ" and press OK.
- ◆ Read the 8-digit code next to Navi ID. To the right of this code, you will find the software number. It will be useful to note both these codes on a piece of paper.

📌 You can also find the Navi ID in the "Code Input" menu under "C-IQ".

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Entering the activation code

Once you receive your code, enter it into the system.

- ◆ In the Start menu, activate "C-IQ", followed by "Code input". Press OK each time.
- ◆ Move the cursor to the desired characters or numbers, confirming each selection by pressing the OK key.
- ◆ Once the code is complete, the cursor automatically moves to OK. Press OK to accept.

The system will let you know if an incorrect code is entered and/or if your system software is incapable of processing the encrypted information.

- ◆ In such cases, press either "OK" or "C-IQ Service", if you wish to contact someone, then press OK.

ℹ The system can be used on a 500 miles scale without activation. You may enter destinations, however, navigation information will be displayed only in activated areas and/or for activated services.

My C-IQ

At any time, you can find out about the activation status.

- ◆ Select "My C-IQ" below "C-IQ" and press OK.
- ◆ Select "Active" and confirm by pressing OK if you want to see details about your selected products.
- ◆ Select "Starting soon" and confirm by pressing OK if you want to see details about software you've already received.
- ◆ Select "Expiring soon" and confirm by pressing OK if you want to find out which services you are presently using and how much longer they will be available to you.
- ◆ Select "Returned" and press OK to receive information about previously activated products.

If you do not make a selection, the system returns automatically to the previous menu after a short time.

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Preview

Your map and travel information software allows you to preview different products free of charge before ordering. You can display the status of this preview:

- ◆ Select "Preview" under "C-IQ" and press OK. You will be shown the status of your preview choices. It will contain a number of map and travel information products that you still can view free of charge.
- ◆ Select "Proceed" and press OK to scroll to the next page.
- ◆ Select "C-IQ Service" and press OK if you wish to establish contact.
- ◆ Pressing ESC or OK at "Back" will take you to the "C-IQ" main menu again.

Configuration

Set your system to inform you automatically and in a timely fashion about the status of your activated products.

- ◆ Select "Configuration" in the "C-IQ" menu and press OK.
- ◆ Activate or deactivate "Expiring soon" and "Starting soon" by pressing OK. "Hide" indicates that there will be no automatic announcements. If you select "Show" you will always be kept current.
- ◆ Set the number of days to be notified in advance to between 1 and 10. Select "... days" and press OK. Press the ◀ and ▶ keys to set the number of days (default is 10 days). Press OK.
- ◆ Press ESC or OK at "Return" to get to the previous menu.

C-IQ Service

This is where you will find the contact information for your C-IQ service.

- ◆ Select "C-IQ Service" in the "C-IQ" menu. Press OK.
- ◆ Press ESC or OK at "OK" to return to the previous menu.

Screen menu types

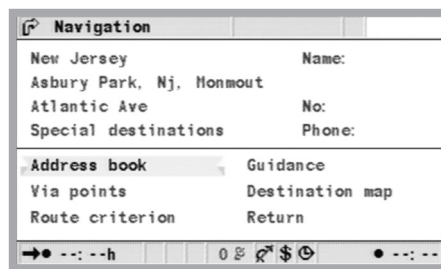
The system uses three types of menus, the pop-up, pull-down and the list menu. You can determine the current cursor position by the arrows to the left and right of the function to be selected. Basically, selectable functions are shown in bold print. Any non-selectable functions are grayed out and will be skipped by the cursor.

- ◆ To select a function, move the cursor to the desired option/function using cursor keys ▲▼◀▶, and press OK.

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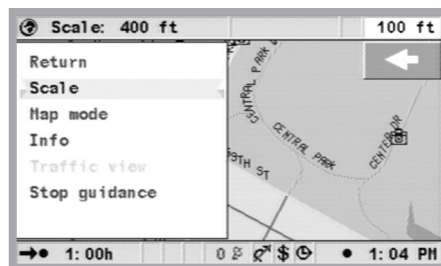
Pop-up menu

Once a function is selected, a pop-up menu with additional selections may appear. Press cursor key ◀ to leave the pop-up menu without selecting an option or function (return).



Pull-down menu (functions list)

In guidance mode, "Function" appears on the display. If you press OK, the available functions are displayed. If you do not select a function, the menu will be closed again after several seconds.



List screen

With certain selections, a list appears in the right side of the display. If not all list entries can be displayed, you can scroll through them with the cursor, e.g. by continuing to press cursor key ▼ after reaching the bottom of the list. Scroll up by continuing to press cursor key ▲ once you reach "Quit". If additional information is available for an item in the list, a "▶" appears to the right of the item. To view this information, press cursor key ▶. To make a selection, move cursor to the entry and press OK.

Press cursor key ◀ or ESC to leave the menu without selecting an option.

Settings – adjusting the navigation system

You can customize the navigation system to your specifications by changing many settings. The following functions are available in the "Settings" menu which is accessible from the Start menu.

GENERAL INFORMATION

- Day / night color
- Language
- Route criterion
- Screen config.
- Measuring units
- Remote control
- Dynamic route
- Traffic inform.
- Favourite function
- Video configuration
- Volume

Day / night colors

Selecting the options:

- Automatic switching between day and night colors. The night color is selected when the vehicle's headlights are turned on.
- Always day colors
- Always night colors
 - ◆ Select "Day / Night Color" in the "Settings" menu and press OK.
 - ◆ Choose one of the three options and press OK.

(see also the "Screen" function)

Language

Selection of language for voice messages and menu texts on the screen. Currently, the system software CD contains the following languages with a selection of male and female speakers:

- British English
- US English
- French
- German
- Dutch
- Italian
- Spanish
- Danish
- Swedish

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Two languages can be selected simultaneously for the system. If necessary, other languages can be loaded from the CD/DVD.

- ◆ In the "Settings" menu, select "Language." Press OK.
- ◆ Select "Other language" in the displayed list and press OK.
- ◆ Select the desired language and press OK.
- ◆ Select "Load" and press OK.
- ◆ Press ESC or OK at "Quit" to return to the previous menu if you do not want to change the language.

Route criterion

You can choose from several criteria for the route calculation:

- Fast: suitable for all situations
- Short: recommended for city travel
- Main roads: recommended, if you prefer to travel via highways
- No main roads: recommended, if you prefer to avoid highways
- Minimize toll roads

The symbol for the selected route criterion appears in the status line. To set/change Route criterion:

- ◆ Select "Route criterion" in the "Settings" menu and press OK. The Route criterion list appears.
- ◆ Select the desired route criterion and confirm with the OK key. The symbol for the new route criterion appears in the status line.
- ◆ Select "Return" and press OK.

Activate option "Minimize tolls", if you wish to avoid toll roads as much as possible. The option "Minimize tolls" is only supported by related information on the map DVD/CD. Therefore, the calculated route may still contain toll roads, even with this option activated. When the option

📌 The Route criterion can also be changed in "Route criterion" in the "Navigation" menu.

Screen configuration

Here, you can select various color combinations for the screen display and configure the status line:

- "Day color": This setting is active when the headlights are off. In bright daylight, blue, red and green offer the best contrast.
- "Night color": is active when the headlights are on. At night, dark blue, dark red and dark green provide optimal readability.
- "Map color": offers various color combinations.
- "Statusline left" and "Statusline right": To select the information to be displayed in the bottom corners of the screen:

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- None
- Clock
- Date
- Remaining travel time: The calculated remaining travel time to arrival at the next via point or the destination.
- Remaining dynamic travel time (where TMC is available).
- Estimated time of arrival.
- Estimated dynamic time of arrival (where TMC is available).
- Entire delay on route (where TMC is available).
- Distance to the destination.
- Geographical height.
- Current speed

You can select one value for each statusline to be displayed:

- ◆ In the "Settings" menu, select "Screen config". Press OK.
- ◆ Select the function to be set and press OK.
- ◆ Select your choice and press OK. The cursor will automatically return to the previous menu.

The navigation system uses an average travel speed for the calculation of the remaining travel time and the estimated time of arrival. If necessary, you can adjust this speed to your actual average speed using the option "System information/Speed correction".

Measuring units

Selection of units of measurement for displaying and announcing distances and speeds. The following options are available:

- Time format
- Date format
- Measuring units
- Time zone
- In the "Settings" menu, select "Measuring units". Press OK.
- Select the function to be set. Pressing OK will toggle between the available alternatives.
- At time zone press OK and cursor keys ▼▲ to set the value up and down in half hour intervals. Press OK again (time is relative to GMT).
- Select "Return" and press OK to confirm the setting.
- Pressing ESC or cursor key ◀ will take you to the previous menu.

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Time zone	Winter time	Summer time
EST	- 5:00	- 4:00
CST	- 6:00	- 5:00
MST	- 7:00	- 6:00
PST	- 8:00	-7:00

Remote control

There will be various remote controls for your system. Depending on the remote control to be used, you need to activate it in "Remote control".

- ◆ In the "Settings" menu, select "Remote control". Press OK.
- ◆ Move the cursor to the desired option. Press OK to toggle between activated and deactivated.
- ◆ Select "Return" and press OK.

Dynamic route

Pressing OK at "Dynamic route" will display the note that this function is not activated in the route criterion menu.

Traffic information (where available)

Only relevant if dynamic route is activated in the "Route criterion" menu. It allows the selection and deselection of traffic incidents to be displayed.

Favourite function

The function key on the remote control can be programmed to call up certain functions. Two options are available. Pressing the function key less than a second and longer than a second.

Video configuration

If a multi-media box, a TV tuner or a rear view camera is installed, the appropriate option, "Multimedia box connected", "TV tuner connected" or "Rear view camera connected" must be activated. Switching options on/off:

- ◆ In the "Settings" menu, select "Video configuration". Press OK.
- ◆ Move the cursor to the desired option. Press OK to toggle between activation and deactivation. If the option "Multimedia box connected", "TV tuner connected" and/or "Rear view camera connected" is activated, the Start menu contains the function "TV/Video" which you can use to toggle between navigation and

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multimedia operation. (For the operation, see the user's manual for the multimedia box and the TV tuner)

- ◆ Select "Return" and press OK.

If the rear view camera is correctly connected and the setting "Rear view camera connected" is selected, the image from the rear view camera is automatically displayed when the transmission is shifted into reverse.

Volume

The following options may be selected in the "Volume" menu.

- SDVC: To select a value for the speed-dependent volume increase. Find the SDVC value best suited for your vehicle by experimenting.
- Volume
- Audible info. On or OFF switches the volume off and on.
 - ◆ In the "Settings" menu, select "Volume". Press OK.
 - ◆ Select the function to be set and press OK.
 - ◆ Select the desired value or the function to be set and press OK. The "Volume" is set using cursor keys ◀ and ▶ on the remote control and pressing OK.
 - ◆ Pressing OK at Audible info On or OFF will toggle between on and off.
 - ◆ Select "Return" and press OK to confirm the selections.

System information

The "System information" menu offers the following functions:

- "Diagnosis": For diagnosing hardware and software problems (code-protected – only for authorized service personnel).
- "Default settings": Resetting the parameters of the "Settings" menu to the factory presets (see the next paragraph).
- "Configuration": Software and hardware data for service purposes.
- Speed correction: for setting the average speed used as the base for calculating the estimated time of arrival and the remaining travel time.
 - ◆ In the "Settings" menu, select "System information". Press OK.
 - ◆ Select "Speed correction" and press OK.
 - ◆ Press cursor keys ◀ and ▶ to correct the speed and press OK.
 - ◆ Select "Return" and press OK to confirm the settings.

Default settings

This function allows you to reset all parameters to their factory presets.

- ◆ In the "Settings" menu, select "System information". Press OK.
- ◆ Select "Default settings" and press OK.
- ◆ Select "Yes" or "No" and press OK.

Settings for	Factory preset
Time zone	0
Clock format	12-hour format
Date format	month/day/year
Units of measurement	miles/feet
Voice messages	On
Volume	mid level = 0
SDVC	Off
Day color setting	Blue
Night color setting	Dark blue
Map color	Automatic switching
Map mode	Northwards, rolling activated
Status line left	Remaining travel time
Status line right	Estimated time of arrival
Road type (route criterion)	Fastest
Avoid toll roads	Deactivated
Traffic info	Deactivated
Re-routing level	Middle

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Settings for	Factory preset
Delay time	Low
Speed correction	100%
Video configuration	Multimedia box deactivated TV tuner deactivated Rear view camera deactivated
Remote control	RC 5400

Destination input

The following destination inputs are possible:

- Direct address input, including postal codes, Quick Access (QXS) and list.
- Input of special destinations
- Copy from the address book
- From the destination input map
- Input of co-ordinates
- Copy from special destinations, e.g. points of interest,

Direct address input

- ◆ In the "Start menu", select the "Navigation" option. Press OK
- ◆ Using your keyboard, enter the destination address in "State:" "Town/Postal Code:" and, if applicable, "Road", "Special destinations or house "No". Confirm the input of each character by pressing OK. "Name" and "Telephone" can be entered when the destination is to be saved in the address book. (See Address book chapter)
- ◆ To enter a space, select "Space" and confirm with the OK button. You can delete the last character entered using "Delete" and the complete line using "Quit".

Character sequences for which no names are available, are not selectable. When you enter a unique character sequence, your input is automatically completed.



After entering the postal code, you can call up all town sections with the same code in "List". Select the desired town and confirm your selection with OK. The town name also will suffice as destination input. In this case, the navigation system will guide you to the town limits. Entering the postal code and town name will make it a unique entry.

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"List" function

If there are several towns or streets by the same name, the "List" function will automatically display all choices with additional information.

- ◆ Select the desired town or street using cursor keys and press OK.

The list of all suitable names can be called up at any time using the "List" function. If no character is entered, the list starts with the first entry in alphabetical order. You can select the desired entry from the list. Selecting "Quit" in the list or pressing cursor key ESC or ◀ allows you to leave the list display without accepting a list entry.

Special destinations

From the menu "Special destinations" you can enter the following:

- Points of interest: Interesting and/or useful locations, their addresses are already contained on the DVD/CD. Examples: Gas stations, repair shops, hospitals, airports, etc.
- Intersections: if town and street have already been entered.
- All streets (when available): Input of street name without entering the town. Quick Access, useful for unique street names.

Points of interest:

- ◆ In the "Navigation" menu, select the option "Special destinations". Press OK.
- ◆ Select "Points of interest". Press OK.
- ◆ Select as follows: "Close to car" if your destination lies within the vicinity of the current vehicle location. "At destination", if you want to go to an address at the destination you already entered. "National importance", if you wish to select a destination of national or interstate importance.
- ◆ Press OK.
- ◆ Select the desired category. If necessary, scroll through the display using cursor keys ▲ and ▼ in order to display the desired categories not visible on the screen. Press OK.
- ◆ Select the desired address. Press OK.
- ◆ Select "Guidance". Press OK.

¶ If travel to the final destination is to be interrupted -such as a stop at the gas station - enter the via point in "Via points".

Intersection

For longer destination streets it may be useful to enter an intersection:

- ◆ In the "Navigation" menu, enter the first street name and then select the option "Special destinations". Press OK.
- ◆ Select "Intersection." Press OK.
- ◆ Enter the intersection using the keypad (see Direct address input) or from the list (see Entry from List).

All streets (Quick access)















- ◆ In the "Navigation" menu, select the option "Special destinations". Press OK.
- ◆ Select "All streets." Press OK.
- ◆ Enter the street name (see Direct address input), press OK.

This mode of entry is only useful for less common street names. If you enter a common street name, the cursor automatically jumps to "Quit". In this case, enter the town first. If there is a reasonable number of towns with this street, the cursor jumps to "List".


































- ◆ Select the desired town and press OK.
- ◆ Select "Guidance". Press OK.

Travel icons

The icons for the special destinations and points of interest destination categories, are as follows:

Icon	Meaning	Icon	Meaning
	Pharmacy		Marina
	Exhibition center		Movie theater
	Automobile club		Place of worship
	Car rental		Clinic
	Car repair shops		Hospital
	Railroad station		Cultural center
	Bank		Military installation

NAVIGATION

Icon	Meaning	Icon	Meaning
	Governmental facility		Museum
	Library		P+R
	Education		Park
	Embassy		Parking
	Bus station		Police
	Monument		Postal service
	Shopping center		Service area
	Ferry		Restaurant
	Fire station		Tourist attraction
	Airport		Sports facilities
	Tourist information		City center
	ATM		Gas station
	Civic center		Theater
	Hall of justice		Entertainment
	Golf course		Amusement park
	Hotel		Destination
	Industrial zone		

Address book (see also Address book chapter)

If the desired destination address is already in the address book or if it is among the 20 most recently entered destinations, it can be easily accessed as a destination address.

- ◆ In the "Navigation" menu, select the function "Address book" and press OK.
- ◆ Select "Retrieve address" and press OK.
- ◆ Select the address book category, e.g. using "Prev. destinations" for the destination memory of the 20 most recent destinations. Press OK.
- ◆ Select the desired list entry. Press OK.

Selecting "Quit" in the list or pressing the left cursor key (◀) allows you to leave the list display without accepting a list entry.

Destination entry via map

You can enter a destination via the Destination entry map by the following means:

- Cursors
- Coordinates

Cursors

If the destination is not near the vehicle's position, first enter the destination as accurately as possible using the keyboard (see Direct address input).

- ◆ In the "Navigation" menu, select the option "Destination map".
- ◆ press a cursor key if you are already on the map display. The destination entry map is displayed with cursors. If no destination data were entered, the cursors show the current vehicle position.
- ◆ Using the cursor keys ▲▼◀▶, you can now move the cursor.
- ◆ Press OK, select "Store" and press OK again so that the system will accept the position as the destination.

📍 First, select a large scale for a rough determination of the destination. Then, select a smaller scale to mark your exact destination with the cursors. Destinations in non-digitized areas are also selectable. When positioning the destination on interstate highways, make sure you select the lane for the correct direction.

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Co-ordinates

- ◆ Select "Destination map" from the "Navigation" menu. The map appears on the screen with cursors. Press OK.
- ◆ Select "Co-ordinates" and press OK.
- ◆ Select "Longitude" or "Latitude" and press OK.
- ◆ Next, determine each digit using the remote control cursor keys (▲▼◀▶) and confirm the selection with the OK button. If you wish to skip a digit, press OK.
- ◆ Select "Set co-ordinates" and press OK.
- ◆ To start navigation, press OK, select "Cancel", then "Guidance" and press OK again.

Via points (Stops)

If you wish to visit other locations on route to the entered destination address, you may store them as via points. The navigation system then plans the route to include the via points in the given sequence before the destination address is reached. Once a via point has been passed, it is automatically deleted from the list. You can store a maximum of 25 via points.

- ◆ In the "Navigation" menu, select the option "Via points". Press OK.

Enter the via points in the same manner as destination addresses (see sections above). Press "Cancel" to return to the "Navigation" menu.

Storing a via point

- ◆ Select "Store via point" and press OK.

Deleting via points

- ◆ Select "Delete a via point" and press OK. A list of the stored via points appears.
- ◆ Select the via point you wish to delete and press OK. A pop-up menu appears displaying the selected entry.
- ◆ Select "Delete" and press OK, if you wish to delete the via point from memory.
- ◆ Select "Return" and press OK if you do not wish to delete it. The list of the stored via points reappears.

If the memory already contains 25 via points, you will see a message that there is no room for additional via points. Press OK. If you want to enter a new via point, you need to delete a previously stored via point.

- † If all via points are to be deleted, you can delete the destination, including all via points, in the "Navigation" menu.

Stopping guidance

If you are currently on one of the guidance screens, you can stop guidance at any time.

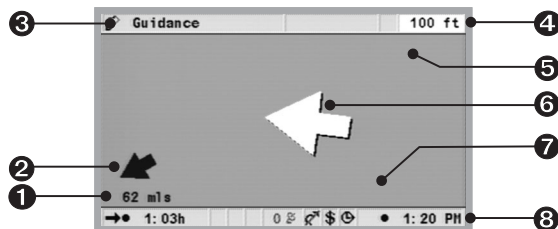
- ◆ Press OK, select the "Stop guidance" option and press OK again.

Screen displays

When guidance is active, you can switch between the various guidance screens by pressing the NAVIGATION key on the RC 5400 or the MAP key on the RC 5000.

Guidance display

Once "Guidance" is activated, the system will plan the route. This may take some time depending on the complexity of the route. In the meantime, the first guidance message will be shown as guidance display containing the following information.

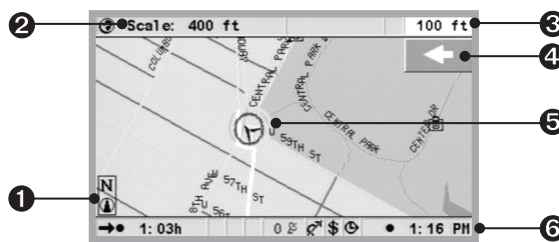


- ❶ Distance to destination or next via point
- ❷ Arrow – linear direction to destination.
- ❸ Menu name
- ❹ Distance to the next navigation instruction.
- ❺ Name of next street on the route.
- ❻ Travel direction indicator for the next intersection or junction.
- ❼ Current vehicle position: Name of street, town and district, if available on the map DVD/CD.
- ❽ Status line (see also the Settings chapter)

NAVIGATION

Map display

If guidance is active, you can call up the map display by pressing the NAVIGATION key (or MAP key) or selecting "Map" in the "Start menu".



- ❶ Compass: The arrow within the circle points north.
- ❷ Change scale
- ❸ Distance to the next navigation instruction.
- ❹ Simplified graphic display of the direction of travel, the next intersection or junction.
- ❺ Vehicle position, arrow points in current direction of travel
- ❻ Status line (see also the Settings chapter)

Split display

Accessed by pressing the NAVIGATION key. The display unites the two display modes described earlier.

Guidance close to the destination

If the entered destination is located off a digitized road, guidance will continue to the point with the shortest linear distance to the destination. The screen displays "Destination is outside the digitized area". In all guidance display modes, an arrow indicating the linear direction replaces the guidance message.

Guidance in partially digitized areas

In rural areas and smaller towns, it is possible that not all roads are stored on the map DVD/CD. When you leave a digitized road, the guidance screen display changes. The display switches automatically from the guidance or split display to the map display.

Instead of the usual guidance message, an arrow appears on the top right, pointing in the direction of the destination. Below the arrow, the distance (linear) to the destination is displayed. This can also happen in completely digitized areas, as e.g. not all parking lots are digitized.

In such a case, get your orientation from the map display. Once you reach a digitized road, you will see the usual guidance information next to the satellite icon.

Voice messages

As soon as you activate guidance, you will receive voice messages in addition to the symbols on the guidance screens. If you miss a message:

- ◆ Press the VOICE / ALT-R key on the remote control < 1 second. The last guidance message will be repeated or an updated guidance message will be issued.

When the 📣 symbol appears in the status line, the voice messages are turned off. You can turn them back on in the "Settings" menu as well as using the keys + or – on the remote control.

Planning an alternate route

During guidance, you can have the navigation system plan an alternate route for a selectable distance. Use this function if you want to avoid a traffic jam, for example, or if you disagree with the current route plan. The alternate route will be calculated for the indicated distance from the current vehicle position.

- ◆ Press the VOICE / ALT-R key longer than one second. Now, the system will show the "Distance" for which an alternate route should be planned. The distance can be set from 1 to 6 miles.
- ◆ Select the value after "Distance" and press OK.
- ◆ Set the value with the cursor keys ▲▼◀ and ▶. Press OK.
- ◆ Select the desired function and press OK.
- ◆ Use "Cancel" or press ESC to return to the Start menu.

"Info" menu

You can select the Info menu from the Start menu as well as from all guidance displays. When you are on the guidance display:

- ◆ Press OK if you are on one of the navigation screens.
- ◆ Select "Info" and press OK.
- ◆ If you are in the Start menu, select "Info" and press OK.

The following choices are available:

- Message selection
- Route criterion: see the Settings chapter.
- Route list: List of roads on the planned route.
- Points of interest: To call up the list of special destinations in the vicinity of the vehicle location, see "Travel info" and "Points of interest" in the Start menu.
- Via points: Display of the next via point in the list of via points.

NAVIGATION

Address book

The navigation system offers the opportunity of storing at least 200 destination addresses in a personal address book. The address book is divided into "Home", "Work", "Private", and "Business", with "Home" and "Work" containing one address each for quick access.

Storing addresses

- ◆ After entering an address in the navigation menu, select "Address book" and press OK.
- ◆ Select "Store address" and confirm with OK.
- ◆ Select the category for the address book and confirm your selection with OK.

The displayed address is now stored. The home and work addresses can be retrieved by pressing the Home key < 1 second (home) or > 1 second (work).

If the address memory is full, one or more addresses that are no longer needed must be deleted before new ones can be entered.

Deleting addresses

- ◆ Select "Address book" in the "Navigation" menu. Press OK.
- ◆ Select "Retrieve address" and confirm with OK.
- ◆ If you want to delete an address entry, select the function "Delete address".
- ◆ Select the desired address book category. A list with the names of stored addresses appears.
- ◆ Select the desired address and press OK.

The selected address is now deleted or displayed in the "Address book" menu where it can be changed and saved again.

Storing the vehicle position in the address book

- ◆ Select "Address book" in the "Navigation" menu. Press OK.
- ◆ Select "Store current loc." and press OK.
- ◆ Select the address book category. Press OK.

i To edit an address (e.g. to add a name), it must be loaded from the address book, edited and then re-saved in the address book.

Retrieving a previous address from memory

- ◆ Select "Address book" in the "Navigation" menu. Press OK.
- ◆ Select "Retrieve address". Press OK.
- ◆ Select "Prev. destinations". Press OK. A list of the last 20 destinations appears.
- ◆ Select the desired entry and confirm with the OK button.

Deleting previous destinations from memory

- ◆ Select "Address book" in the "Navigation" menu. Press OK.
- ◆ Select "Delete address" and press OK.
- ◆ Select "Prev. destinations" and press OK.
- ◆ To avoid inadvertent deletions you will be asked for another confirmation. Press OK.

USEFUL EXTRAS

Trip computer

You can call up the computer by selecting the function "Trip computer" from the Start menu. The integrated on-board computer shows the following information:

- Speed: Current speed
- Average speed: Average speed (since last reset)
- Elapsed distance: Route distance (since last reset)
- Elapsed time: Travel time (since last reset)
- Speed warning at: Speed warning (on/off) and warning limit (adjustable)

The display of the speed is only informational. The actual speed should be determined from the vehicle's speedometer only. Use the function "Reset" to set the data for route distance, time traveled and average speed back to "0".

Speed warning

When speed warning is activated and the set speed limit is exceeded, there will be an acoustic warning (beep) and a warning message on the display. To set the speed limit:

- ◆ Move the cursor to the field with the speed setting and press OK.
- ◆ Use the cursor keys ▲▼◀▶ to set the warning threshold, then press OK.
- ◆ To turn it on or off, select "Warning on/off", press the OK button.

The current status (on/off) is indicated by the color of the square in front of the speed value (red: off / green: on). Each time the OK button is pressed, the speed warning is toggled on or off.

🔧 The speed warning can be used to set the maximum speed when winter tires are in use.

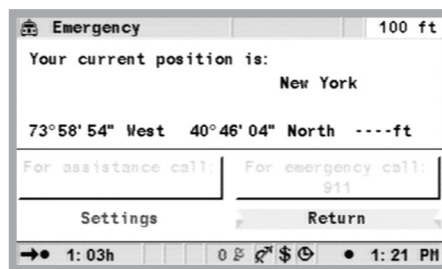
Emergency

The emergency menu contains the current vehicle position, the country-specific emergency number (under "Help") and a programmable number for emergency roadside services. The display accuracy for the car position is within about 100 feet.

The state, the name of the town and the name of the street of the current vehicle position will only be displayed if the vehicle is on a digitized street. If not, or if there is no map DVD/CD or the wrong map DVD/CD in the navigation system, only the geographic position as calculated by the GPS system will be displayed in longitude and latitude.

Entering a roadside assistance number

In the emergency menu, you can store any telephone number, e.g. for an automobile club or for a roadside emergency service.



- ◆ In the "Emergency" menu, select the function "Setting" and press OK.
- ◆ Enter the telephone number you want to store for the roadside service. Confirm each number you enter using the OK button.

The number you entered will now appear in the Emergency menu.

TROUBLESHOOTING

On rare occasions, your multimedia system may not function as you expect. Before calling for service, please read the operating instructions and go through the following check list; it may be possible to easily remedy an apparent malfunction.

Symptoms	Possible cause / remedy
System does not start, screen dark.	Ignition is off: please turn vehicle ignition on. Ignition is already on, system is in stand-by: Press one of the cursor keys, the OK or the menu button on the remote control.
After a period of time, the system turns itself off.	Under extremely low or high temperatures the system is turned off to protect it from damage. It will turn itself as soon as the temperature returns to normal.
Monitor turns off at high temperatures.	At temperatures above 167 degrees Fahrenheit, the monitor is turned off for protection. It will turn itself on as soon as the temperature returns to normal.
After the ignition is turned off, the last menu display remains in the monitor.	The monitor can remain on for about 30 seconds after the ignition is turned off.
The system does not respond to keys pressed when the remote control is not in its holder.	Batteries are empty: Change the batteries in the remote control or push it into the holder.
System reacts very slowly to entries or requires a long time for calculation	You are in a very densely digitized area. The system requires more time to read large quantities of data.
"Guidance" cannot be selected in the "Navigation" menu.	Verify that you entered a destination.
The system does not plan a route, although a destination address was entered.	The vehicle is not on a digitized road: Drive towards a digitized road.

TROUBLESHOOTING

USA

Symptoms	Possible cause / remedy
Guidance information not audible.	<p>Check if "Voice messages" is activated in the "Settings" menu.</p> <p>Check the "Settings" menu if "Volume" is not set to the minimum.</p> <p>If no external speaker is connected:</p> <p>Check the setting of the speaker volumes on the monitor or use + on the remote control..</p>
Some symbols depicted in the operator's manual do not appear on the status line.	<p>Activate the appropriate entries for "Status line right" and "Status line left" under "Settings" in the "Monitor setting" menu.</p>
The satellite symbol in the GPS logo is continuously red.	<p>No satellite signals are being received.</p> <p>Ensure that the GPS antenna is not covered by any objects.</p>
DVD/CD is automatically ejected by the navigation system.	<p>The DVD/CD may be soiled: Clean with a special DVD/CD cleaning fluid.</p>
Time shown on the status line is incorrect.	<p>Set the correct time zone in the "Settings" menu, function "Date/Time." Verify that you are not displaying ETA.</p>
Address cannot be stored in the address book	<p>Address book is full: Delete one or more entries that are no longer required.</p>
Guidance is not accurate.	<p>An inaccuracy of approx. 150 feet is within the tolerance limits: Please contact an authorized dealer if greater inaccuracies occur repeatedly.</p>
Displayed position does not correspond to actual vehicle position.	<p>GPS reception is interrupted for too long. Once GPS reception is sufficient, the position will be corrected automatically. If necessary, wait for several minutes. Have your service shop check whether the navigation computer's installation angle was entered correctly in the diagnostics menu.</p>

TROUBLESHOOTING

Symptoms	Possible cause / remedy
Directions do not correspond to the actual traffic conditions.	It is possible that the car position calculated by the navigation system is incorrect at this instant. The routing may have been changed and does not correspond with the information stored on the map DVD/CD.
The system reports "Incorrect or defective media"	DVD/CD possibly damaged DVD/CD may not be C-IQ capable DVD/CD is not for this system
System reports "Incorrect code"	Code was entered incorrectly. Code input needs to be repeated. Code was incorrectly transmitted by C-IQ service. Contact the C-IQ Service to obtain the correct code. An identical code was entered and was either already activated or has expired. Check your code in "My C-IQ."
NAVIGATION key does not work or works only on the 500 mile scale.	The region or country may not be activated. Contact C-IQ Service.
System reports a "System error."	Your system requires service. Please contact the installer or your dealer.

If you should not find a solution for the problem turn to an authorized service.