



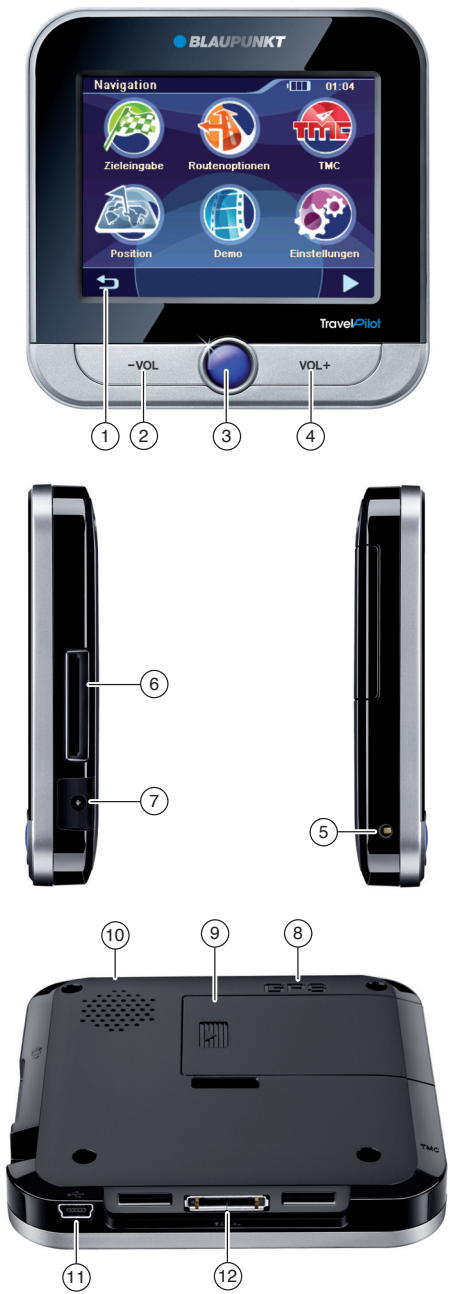
Mobile Navigation TravelPilot 200



Operating and installation instructions
(Long version)

 **BLAUPUNKT**

Device overview



- ① **Display (touchscreen):** Simple and intuitive operation by touching the buttons on the display.
- ② **VOL -:** Decreases the volume
- ③ **On/Off switch:**
 - Long press (longer than 3 seconds): Switches the device on or off.
 - Short press: Opens the main menu.
- ④ **VOL +:** Increases the volume
- ⑤ Socket for additional external TMC antenna (internal TMC antenna is present)
- ⑥ Memory card slot
- ⑦ Socket for power supply (battery charger or charger cable for the cigarette lighter)
- ⑧ Socket for additional external GPS antenna (internal GPS antenna is present)
- ⑨ Battery compartment cover
- ⑩ Light sensor for automatic switching of day and night display (top side)
- ⑪ USB port for data transfer
- ⑫ Serial port (for future expansions)

Device overview	2	Performing basic settings	12
Safety notes	6	Setting the time zone	12
Warning symbols used	6	Entering the home address	12
Use as directed	6	Activating the PIN query	12
Road safety	6	Configuring the PIN query.....	13
General safety notes	6	Locking/unlocking the device	13
Notes about handling the CD/DVD	7	Changing the PIN	13
Cleaning notes	7	Navigation	14
Disposal notes	7	Starting the navigation	14
First use	7	Destination entry.....	14
Scope of delivery	7	Entering an address	14
Protective screen film	7	Using the home address as destination ...	15
Charging the battery	7	Copying a destination from	
Switching on the device.....	8	the favourites.....	15
Setting the language	8	Copying one of the last destinations	15
Installation in the vehicle	8	Entering coordinates.....	15
Attaching the suction cup holder	8	Copying a destination from the map	15
Attaching the mounting cup	8	Points of interest	16
Inserting the device in the mounting cup ...	9	User-POIs.....	16
Removing the device.....	9	Selecting a point of interest at	
Removing the suction cup holder	9	a specific location.....	16
Switching on/off.....	9	Selecting a point of interest nearby,	
Switch-on	9	in the destination area or at home	16
Switch-off	9	Selecting a point of interest on the map ..	16
Reset.....	9	Selecting a supraregional	
Operating the menus	10	point of interest	17
Main menu	10	Tour planning	17
Buttons.....	10	Entering the tour	17
Keyboard	10	Editing a tour	17
Intelligent auto-completion function....	10	Loading a tour from the favourites.....	18
Error-tolerant entry	10	Starting route guidance from here.....	18
Lists	10	Calculating the route from here.....	18
Information about GPS.....	11	Additional functions	
GPS mode of operation	11	after the tour planning.....	18
Displaying GPS info	11	Exiting the tour planning.....	18
		Additional functions	
		after the destination entry	19

Demo	19	Display information	
Starting the demo	19	about the destination	28
Demo settings.....	19	Display route list	29
Storing the position	20	TMC function.....	29
Managing destinations.....	20	Establishing TMC reception	29
Saving destinations	20	Connecting the TMC antenna	29
Storing a destination entered	20	Searching for TMC stations	29
Saving one of the last destinations	20	Showing traffic reports	29
Renaming a destination (favourites only) ..	21	Switch on automatic traffic jam detours ..	30
Deleting a destination	21	Traffic obstructions on the map display ..	30
Delete all destinations.....	21	Data transfer	30
Calculating a route.....	22	Copying data to the memory card	30
Starting the route calculation	22	Using road maps from memory card	31
Additional functions		Settings	31
after the route calculation	22	Performing settings for the navigation	31
Specifying route options	22	Home address	31
Route guidance.....	23	Continuing the tour automatically	32
Start route guidance	23	Selecting a dataset	32
Reaching the place of destination	24	POI note	32
Quitting the route guidance.....	24	Voice instructions.....	32
Offroad route guidance	24	Units	32
Disturbed GPS reception	24	Performing device settings	32
Working with the map	25	Display	32
Showing a Map	25	Button sound.....	33
Moving and scaling the map	25	Language	33
Touching the map	25	Time.....	33
Buttons.....	25	Product information	33
Performing map settings	25	Theft protection	33
Voice output during route guidance.....	26	Factory settings	33
Map display		Calibrating the touchscreen	33
during destination guidance	27	Software	34
Navigation tools	27	Reinstalling navigation software	34
Route information	27	Updating the navigation software.....	34
Speed limit.....	27	Service	34
Additional functions		Warranty.....	34
during the route guidance	28	Technical data	34
Entering a blocking	28	Troubleshooting table	35
Cancelling route guidance.....	28	FCC Information (USA)	37
Skipping the next destination	28		

Safety notes

For your personal benefit, carefully read the following safety notes before operating the device for the first time.

Warning symbols used

In the chapters, warning symbols refer to important notes for you and the device.



DANGER!

Warns about injuries or life-threatening danger



DANGER!

Warns about accidents

Use as directed

The device is designed for mobile use in vehicles.

Special information about the navigation of trucks, busses and campers, such as altitude and width limitations or maximum permissible road load, is **not** included in the navigation data!

Navigation off the roads (offroad route guidance) is not possible with this navigation device.

Road safety

The navigation device does not release you from your responsibility as a driver for correct and prudent behaviour in traffic. Always observe the applicable traffic rules.

Use your device in such a way that you can always safely control your vehicle. If in doubt, stop and operate the device while the vehicle is standing.

General safety notes

Observe the following notes to protect the device against defects and yourself against injuries and life-threatening dangers from an ignition or explosion:

- **Protect the device against moisture** since it is not waterproof and not splashproof.
- **Do not modify or open the device.** Otherwise, it could be damaged and then ignite or explode. Or acidic, flammable liquid could run out of the battery.
- **Do not expose the device to very low (below -20 °C) and very high temperatures (above 60 °C),** e.g. close to fire, heating devices or in a parked car with direct exposure to the sun. Moisture could form inside the device or the device could overheat. The device or battery could deform and even ignite or explode. Or acidic, flammable liquid could run out of the battery.
- **If battery liquid comes into contact** with your eyes or skin, immediately flush with water and consult a doctor.
- **Remove the device from the power supply when you park your vehicle** since it continues to use battery power and could deplete the vehicle battery. Do not unplug the connector of the power supply by pulling on the wire. The wire could be damaged and cause electrical shock.

Notes about handling the CD/DVD

The device is supplied with a CD/DVD that contains navigation software and map material. To protect the CD/DVD against dirt and damage, observe the following notes:



Store the CD/DVD in its case. Hold the CD/DVD only at the edge.



Do not expose the CD/DVD and the case to direct sunlight.



Use only a clean CD/DVD. If necessary, clean the CD/DVD with a soft, lint-free cloth from inside to outside. Never clean the CD/DVD in a circular motion.



Do not use any solvents, including on the printed side of the CD/DVD.

Cleaning notes



Clean the display with a dry, soft cloth. Water and other liquids could damage the display.



Do not use strong detergents for cleaning the housing. Use only a moistened, lint-free cloth.

Disposal notes



Use the return and collection systems available to dispose of the old device.



Do not discard any batteries in the household trash; instead, return them to the corresponding collection sites.

First use

Scope of delivery

The scope of delivery contains the following components:

- Navigation device
- Suction cup bracket
- Charger cable for cigarette lighter
- TMC line antenna
- Operating instructions (short version)
- Backup DVD

Note:

We recommend the use of original Blaupunkt accessories (www.blaupunkt.com).

Protective screen film

Prior to the initial use, **carefully** remove the protective film from the display.

Charging the battery




Upon purchasing the navigation device, the battery could be discharged. Please charge the battery before using the device.

CAUTION!

Unapproved chargers could damage batteries

Use only the original chargers from Blaupunkt for operating and charging to correctly charge the battery and protect it against overvoltage.

Depending on the type of use, you can operate the device up to 3 hours with the built-in battery. The charging time is 5 to 6 hours. The charge state indicator is located on the top display bar:

-  The device is supplied by an external power source.
-  The device is supplied by its internal battery. The charge state of the battery is sufficient.
-  The device is supplied by its internal battery. The charge state of the battery is low.

If the charge state of the battery becomes weak, the navigation device warns you about it.

- Connect the battery charger or the charger cable for the cigarette lighter to the charging socket.

Note:

The battery is equipped with a protection against overheating from excessive current flow. The protection prevents charging the battery starting at an ambient temperature above 45 °C.

Switching on the device



- Press and hold the **On/Off switch** for longer than 3 seconds.

Setting the language

The device uses English as the standard language for the menus and voice output. When you switch on the device for the first time, a dialogue menu appears in which you can select another language:

- Select your preferred language in the dialogue menu.

- Please follow the instructions.
The language is loaded and the main menu is displayed.

Installation in the vehicle

For temporary installation in a vehicle, the navigation device features a holder to attach it to the windshield.



DANGER!

The installation at an unsuitable location can cause accidents

Install the navigation device so that it does not block your view and does not distract from the traffic.

Do not install the device in the airbag deployment area.

Ensure that the device does not pose a threat to passengers in the vehicle in case of emergency braking.

Attaching the suction cup holder

- Locate a suitable place inside the vehicle for the installation.
To ensure a perfect hold, the glass must be free of dust and oil. If necessary, clean the glass using a lens cleaning tissue.
- Press the suction cup of the holder against the windshield.
- Push the lever on the support towards the glass.

Attaching the mounting cup

The suction cup holder features two mounts for the mounting cup.

- Push the mounting cup onto the mount until it engages.



Inserting the device in the mounting cup

The device features 2 recesses on the underside and one recess on the rear side for the mounting cup.

- Place the device onto mounting cup with the underside first and push it to the back.
The clamping holder of the mounting cup must engage in the rear side of the housing with a click.
- Align the bracket.

Removing the device

- Push the clamping holder down.
The device disengages from the bracket.
- Remove the device.

Removing the suction cup holder

If you change vehicles, you can simply remove the support.

- Push the lever on the support away from the glass.
- Carefully loosen the suction cup at the edge from the glass so that air can enter between suction cup and glass.
- Carefully pull the suction cup off of the glass.

Switching on/off

The **On/Off switch** is used to switch the device on and off and to open the main menu.

Switch-on

- Press and hold the **On/Off switch** for longer than 3 seconds.

Switch-off

- Press and hold the **On/Off switch** for longer than 3 seconds.

The device is first placed in idle state and remains ready for operation. All functions will be completely switched off after 20 minutes.

Note:

The device continues to use a small amount of energy even if it is switched off. If you use the device again after an extended period of time, it may be necessary to recharge the battery.

Reset

If the device does not work properly, a simple reset may help.

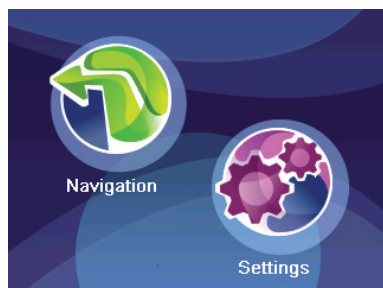
- Press and hold the **On/Off switch** for longer than 14 seconds.
The device is switched off and restarted.

Operating the menus




Main menu

The main menu provides access to the navigation and the settings.

- ☞ Briefly press the **On/Off switch** to reach the main menu from any other menu.



Buttons

-  Touch this button to return to the previous menu.
-  Touch this button to change to the next page in the menu.
-  Touch this button to obtain access to additional functions.
- **OK:** Touch this button to confirm an entry or a setting.

Keyboard

If text entries are required (e.g. for the destination entry), a virtual keyboard appears on the display. You can perform all entries using your finger. Only capital letters can be entered.

These buttons are located on the keyboard:



Delete last character



Entering blank spaces



Call up alternate character keyboard (incl. special characters, umlauts)



Call up numeric keypad, e.g. to enter the house number



Call up character keyboard



Call up error-tolerant entry

Intelligent auto-completion function

During the entry, the device auto-completes characters as far as possible and offers only those characters on the keyboard that are logically possible.

Error-tolerant entry

The error-tolerant entry helps if you do not know the exact spelling of a city. After your entry, a list with city names spelled in a similar way appears.



☞ Touch the symbol in the text entry.
The error-tolerant entry is displayed.



☞ Enter a city name and touch **OK**.
A list with alternate city names is displayed.

Lists

You can frequently display lists from which you can select an entry (e.g. a destination). For example, if you do not enter the complete name of a location, a list with possible results is displayed.

To display a list with additional matching entries, touch the **List** button. Longer lists require a longer loading time.



☞ Touch one of the buttons to scroll through the list.



☞ Touch an entry directly to accept it.



☞ Touch the **Expand** button to display abbreviated entries in their entirety.

Information about GPS





The GPS (Global Positioning System) allows worldwide navigation and locating via satellites to determine a position.

GPS mode of operation

The navigation device measures the current position of your vehicle via GPS and compares these coordinates with its map material. The map material contains the geographic coordinates of points of interest, streets and cities that you can view on the display of the navigation device. The device uses this information to calculate the route to the destination you entered.

Displaying GPS info

Information about the GPS reception of the device, your current position and your speed can be found in the *GPS Info* menu.

- ➔  Touch the symbol in the main menu.
The map is displayed.
- ➔  Touch the symbol.
The *Navigation* menu is displayed.
- ➔  Touch the button.
The display shows the second page of the menu.
- ➔  Touch the symbol.
The *GPS Info* menu is displayed.



This menu contains this information:

- **Latitude/Longitude:** Current position in longitude and latitude
- **Altitude:** Current height above mean sea level
- **Speed:** Indicates the current speed of the vehicle
- **Heading:** Driving direction (reliable information after approx. 5 km/h)
- **Satellites:** Number of GPS satellites received
- **GPS Signal Quality:** Signal strength of the visible GPS satellites. The navigation requires signals from at least 3 satellites.

Note:


External influences can interfere with the view to the sky and, therefore, the GPS reception of the navigation device. For this purpose, please read the chapter "Route guidance", "Disturbed GPS reception".

Performing basic settings



Before starting a route guidance, perform these basic settings:

- Set the time zone of your position so that the correct arrival times are displayed during the navigation.
- You should enter your home address to quickly navigate home from any location.
- Activate the PIN query to lock out unauthorised persons from using the device.

Setting the time zone

- ➡  Touch the symbol in the main menu.
The *Settings* menu is displayed.





- ➡  Touch the symbol.
The *Time* menu is displayed.
- ➡  Touch the symbol.
A list with available time zones is displayed.
- ➡ Touch the time zone in the list that applies to your location.

Note:


The selection is facilitated by the display of the capitols in the respective time zone. "GMT" stands for Greenwich Mean Time, the mean solar time at the Greenwich meridian without considering daylight savings time.

- ➡ Touch the **OK** button.





- ➡  Touch the symbol to toggle between 24-hour and 12-hour display.
- ➡  Touch the symbol to activate (check mark) or deactivate (no check mark) daylight savings time.

Note:

If the time is changed at your position or if you drive into a different time zone, you must adjust the settings.

- ➡  Touch the button to exit the menu again.

Entering the home address

- ➡  Touch the symbol in the main menu.
The map is displayed.
- ➡  Touch the symbol.
The *Navigation* menu is displayed.
- ➡  Touch the symbol.
The *Navigation Settings* menu is displayed.
- ➡  Touch the symbol.
The *Destination Input* menu is displayed.
- ➡ Enter the address as described in the chapter "Destination entry", "Entering an address".
- ➡ Touch the **OK** button.
The home address is saved.


Activating the PIN query


The PIN query allows you to lock out unauthorised persons from using the device. Hence, every time you switch on the device, the PIN (Personal Identity Code) you configured for yourself is requested. The PIN can be changed at any time. If you should forget the PIN, you can unblock the device again with the PUK (Personal Unblocking Key) which you define yourself. The PUK cannot be changed.





Note:

During the PIN entry, you have only 3 attempts to enter the correct PIN or subsequently 3 attempts to enter the correct PUK. If you enter an incorrect PUK for the 3rd time, your device is permanently blocked and the device must be returned via the Blaupunkt service.



Configuring the PIN query

 Touch the symbol in the main menu.
The *Settings* menu is displayed.

 Touch the symbol.
The *Anti Theft Protection* menu is displayed.

-  Touch the **Protection Setup** button.
-  Touch the **OK** button.
The PIN query is displayed.
-  Follow the instructions and enter a self-selected PIN.
-  Touch the **OK** button.

The initial configuration of the PIN is followed by a request to enter a PUK. The PUK is used to unlock the device if you should forget the PIN.




-  Follow the instructions and enter a self-selected PUK.
-  Touch the **OK** button.

To secure your PUK:




-  Register under <http://puk.blaupunkt.com> and follow the instructions.

Locking/unlocking the device

Prerequisite:

- You configured the PIN query.
-  In the *Anti Theft Protection* menu, touch the **Protection Setup** button to lock the device (check mark) or to unlock it (no check mark).
The PIN query is displayed.
-  Enter your PIN.
-  Touch the **OK** button.

Changing the PIN

-  In the *Anti Theft Protection* menu, touch the **Change PIN Code** button.
The PIN query is displayed.
-  Follow the instructions and enter a new self-selected PIN.
-  Touch the **OK** button.

Navigation

The navigation device does not release you from your responsibility as a driver for correct and prudent behaviour in traffic.



DANGER!

Distraction from the traffic can cause accidents

Do not operate the device while driving.

View the display only during safe traffic situations.

Notes:

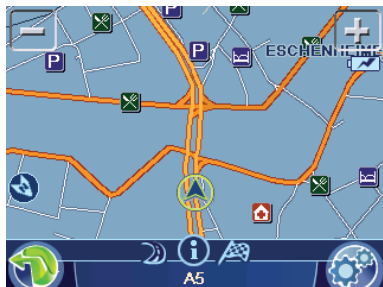
- Routes are best planned before starting your trip.
- Perform the basic settings first.

Starting the navigation



Touch the symbol in the main menu.

The map is displayed.



From the map, you can directly change to the navigation menu or to the map settings (Ch. "Working with the map").

Destination entry

In the destination entry, you can enter an address, select a destination from memory, or select a point of interest.



Touch the symbol.

The *Navigation* menu is displayed.



Touch the symbol in the *Navigation* menu.

The *Destination Input* menu is displayed.

Note:

You can only select places of destination (countries, cities, streets, house numbers, points of interest) that are contained in the map material.

Entering an address



Touch the symbol.

For the initial destination entry, a list with countries is displayed.




Select your destination country.


The *Destination* menu is displayed.




Note:


You do not have to repeat entering the country, city and street information every time. Only if your destination is at a different location than the previous one will you have to re-enter the destination address.


-  Touch the symbol to select a different country.

-  Touch the symbol and enter the city or postal code.


-  Touch the symbol and enter the part of town.

- or -

-  Touch the symbol and enter the street.

-  Touch the symbol and enter the house number.

- or -

-  Touch the symbol and enter the street that intersects the previously entered street.

- Touch the **Start Route Guidance** button to start the route guidance.


The route is calculated and the route guidance started.

Note:


After the destination entry, you can start the route guidance or store the destination. For further details, read the chapter "Additional functions after the destination entry".

Using the home address as destination


If your home address is saved, you can quickly navigate home from any location. The stored address can be viewed in the settings and changed, if necessary (Ch. "Settings").

-  Touch the symbol in the *Navigation* menu.





Copying a destination from the favourites

-  Touch the symbol.
The *Favourites* menu is displayed.
- Touch the desired destination.
The address of the destination is displayed.
- Touch the **Start Route Guidance** button.

Copying one of the last destinations

-  Touch the symbol.
The *Last destinations* menu is displayed.
- Touch the desired destination.
The address of the destination is displayed.
- Touch the **Start Route Guidance** button.



Entering coordinates


-  Touch the button.
The display shows the second page of the menu.
-  Touch the symbol.
The *Destination Coordinates* menu displays.
-  Touch the symbol and enter the latitude.
-  Touch the symbol and enter the longitude.

Always select the cardinal point first and then enter the values with the corresponding units.

- Touch the **OK** button.
- Touch the **Start Route Guidance** button.


Copying a destination from the map

-  Touch the button.
The display shows the second page of the menu.
-  Touch the symbol.
The map is displayed.

- Move and scale the map as described in the chapter "Working with the map".
- Touch a location of your choice.
 The city is selected and its name appears in the lower display bar.
- Touch the **OK** button.
The coordinates to the selected location are displayed.
- Touch the **Start Route Guidance** button.

Points of interest

Points of interest (POI) are specific locations, such as parking facilities and petrol stations, that are stored in the map material.


-  Touch the symbol in the *Destination Input* menu.
The *Points of Interest* menu is displayed.

User-POIs

Besides petrol stations & companies, the points of interest also provide the *User-POIs* category. This allows you to expand the navigation using individual points of interest, e.g. to add the addresses of friends or your favourite restaurant.


The enclosed CD/DVD contains an installation programme with instructions to create your own POI lists at computer or to load existing POI lists.

Selecting a point of interest at a specific location


-  In the *Points Of Interest* menu, touch the symbol.
The *Points Of Interest In Town* menu is displayed.
-  Touch the symbol to select a different country.
-  Touch the symbol to enter a different city.
- Touch the **OK** button.
The *Town District* menu is displayed.
- For large cities, enter the part of the city.

- Touch one of the symbols to select a point of interest category.
The keyboard is displayed.
- Enter the name of the point of interest.
- or -
- Touch the **List** button.
A result list is displayed.
- Touch an entry of your choice.
The address of the destination is displayed.
- Touch the **Start Route Guidance** button.

Selecting a point of interest nearby, in the destination area or at home

-  In the *Points Of Interest* menu, touch the symbol to select a point of interest nearby.


- or -

-  In the *Points Of Interest* menu, touch the symbol to select a point of interest in the destination area.

Note:

The destination to which you started a route guidance last is taken as the destination area.

- or -


-  In the *Points Of Interest* menu, touch the symbol to select a point of interest at the home address.

- Select the point of interest category.

- Select the point of interest.


- Touch the **Start Route Guidance** button.

Selecting a point of interest on the map

-  In the *Points Of Interest* menu, touch the symbol.
The map is displayed.

- Move and scale the map as described in the chapter "Working with the map".

- Touch a location of your choice.


-  The city is selected and its name appears in the lower display bar.

- Touch the **OK** button.

- Select the point of interest category.
- Select the point of interest.
- Touch the **Start Route Guidance** button.


Selecting a supraregional point of interest

If a point of interest cannot be precisely assigned to a location, e.g. an airport, a motorways exit and a mountain pass, you can enter it as a supraregional point of interest.

-  In the *Points Of Interest* menu, touch the symbol.
The *Supra-Regional* menu is displayed.
- Touch the **Select Country** button to select a different country.
- Touch one of the symbols offered to select a point of interest category.
The keyboard is displayed.
- Enter the name of the point of interest.
- or -
- Touch the **List** button.
A result list is displayed.
- Touch an entry of your choice.
The address of the destination is displayed.
- Touch the **Start Route Guidance** button.

Tour planning

The tour planning allows you to enter a tour with several interim destinations and to store it, for example, for the demo (Ch. "Demo"). The start position is always the current position.

-  Touch the symbol in the *Destination Input* menu.
The *Tour Planning* menu is displayed.

Entering the tour

- In the *Tour Planning* menu, touch the **Add Destination** button.
- Enter a destination as described in the chapter "Destination entry".

Note:

You can load already stored tours from *Last destinations* or *Favourites* and add additional destinations.

- Touch the **OK** button.
- Repeat the steps to enter additional destinations.

Note:

You can enter a tour with up to 10 destinations.



Editing a tour

- Touch a destination in the tour list.
The address is displayed.
-  Touch the button to call up the add-on menu.
-  Touch the symbol to move the destination.
The *Move Destination* menu displays.
-   Touch the buttons to move the destination up or down in the tour list.
- Touch the **OK** button.
-  Touch the symbol to delete the destination.

Loading a tour from the favourites



From the favourites, you can copy a destination for the tour planning or load a stored tour and then edit it.

Prerequisite:

- You opened the *Favourites* menu as described in the chapter "Destination entry", "Copying a destination from the favourites".
- ➡ In the *Favourites* menu, select a stored tour or a destination.
- ➡  Touch the button to call up the add-on menu.
- ➡  Touch the symbol.
The tour list with the destinations is displayed.
- ➡ Touch the **Add Destination** button to enter additional destinations.



Starting route guidance from here

Destinations in the tour list can be skipped for the route guidance. Example: You want to interrupt the tour and continue it at a later time:

- ➡ Touch a destination in the tour list.
The address is displayed.
- ➡  Touch the button to call up the add-on menu.
- ➡  Touch the symbol.
The route is calculated starting with the current position and the route guidance starts to the next interim destination.


Calculating the route from here

If you want to calculate the route to a specific interim destination in order to learn about distance and travel time:






- ➡ Touch a destination in the tour list.
The address is displayed.
- ➡  Touch the button to call up the add-on menu.
- ➡  Touch the symbol.
The route is calculated starting with the current position.

Additional functions after the tour planning


Prerequisite:

- You opened the tour list.
- ➡  Touch the button to call up the add-on menu.

You have now the following options:

-  Starting the route guidance (Ch. "Route guidance")
-  Calculating a route (Ch. "Calculating a route")
-  Storing the tour in the favourites (Ch. "Managing destinations")
-  Delete a tour
-  Displaying a tour on the map (Ch. "Working with the map")


Exiting the tour planning

- ➡  Touch this button to exit the menu.
- ➡ Store the tour in the favourites or delete it.








Additional functions after the destination entry

Prerequisite:

- You entered a destination as described in the chapter "Destination entry".
- or -
- You entered a point of interest as described in the chapter "Points of interest".
- or -
- You planned a tour as described in the chapter "Tour planning".

- ➔  Touch the button to call up the add-on menu.

You have now the following options:

-  Defining route options (Ch. "Specifying route options")
-  Calculating a route (Ch. "Calculating a route")
-  Saving a destination as favourite (Ch. "Managing destinations")
-  Displaying a destination on the map (Ch. "Working with the map")
-  *Favourites only:* Deleting a destination (Ch. "Managing destinations")
-  *Favourites only:* Renaming a destination (Ch. "Managing destinations")
-  *Favourites only:* Planning a tour with the selected destination (Ch. "Tour planning")

Note:


The range of functions varies depending on whether you entered a destination or selected one from memory.

Demo

Conveniently plan your vacation trip at home and gain an overview of the route and travel time – even without GPS reception.

Starting the demo

Entering the demo consists of the start position, which may be different from your current position, and the destination. If you want to use the demo to travel a tour with interim destinations, specify the start position and select a stored tour as the destination (Ch. "Tour planning").

- ➔  Touch the symbol in the *Navigation* menu.

The *Demo* menu is displayed.

- ➔ Touch the upper field and enter the start position.
- ➔ Touch the lower field and enter the destination.


Enter the start position and the destination for the demo as it is done in the destination entry.


- ➔ Touch the **Start Demo** button to travel the route.


You have access to the same functions as during a route guidance. (Ch. "Additional functions during the route guidance")

Demo settings

You can specify whether the route should be travelled once or endlessly during the demo.


- ➔  Touch the button to call up the add-on menu.

- ➔  Touch the symbol to change between single demo and endless demo.

The endless loop  in the symbol indicates that the endless demo is activated.

Storing the position

You can store your current position and later use it as a destination.

☞  Touch the symbol in the *Navigation* menu.

The *Position Information* menu is displayed.



This menu contains this information:

- The address of the current location, if it is contained in the map material
- **Latitude/Longitude:** Current position in longitude and latitude
- **Altitude:** Current height above mean sea level
- The compass: Driving direction (reliable information after approx. 5 km/h)

☞ Touch the **Save As Destination** button. The keyboard is displayed.

☞ Enter a name for the destination and confirm with **OK**.

The destination is stored under the name entered in the *Favourites* menu.

Managing destinations

Two lists are available in which individual destinations are saved:

- In the *Favourites*
- In the *Last Destinations* list

Destinations from the *Favourites* can be re-named.

You can delete individual destinations from both lists.

Saving destinations


All destinations to which you start a route calculation (Ch. "Calculating a route") are automatically stored in the *Last destinations*. The last 100 destinations are stored.


Every destination entered and the destinations of the *Last destinations* list can be permanently stored in the *Favourites*. This is particularly useful if you want to approach this destination repeatedly.

Storing a destination entered

Prerequisite:

- You entered a destination as described in the chapter "Destination entry".

☞  In the *Destination* menu, touch the button to call up the add-on menu.

☞  Touch the symbol. The keyboard is displayed.

☞ Enter a name for the destination and touch **OK**.



The destination is stored in the *Favourites* under the name entered.

Saving one of the last destinations

Prerequisite:

- You opened the *Last destinations* list as described in the chapter "Destination entry", "Copying one of the last destinations".



☞ Select the destination to be saved in the *Last destinations* list.

-  Touch the button to call up the add-on menu.
-  Touch the symbol.
The keyboard is displayed.
- Enter a name for the destination and touch **OK**.
The destination is stored in the *Favourites* under the name entered.

Renaming a destination (favourites only)

You can rename a stored destination in the *Favourites*:

Prerequisite:



- You opened the *Favourites* menu as described in the chapter "Destination entry", "Copying a destination from the favourites".
- In the *Favourites* menu, select the destination to be renamed.
-  Touch the button to call up the add-on menu.
-  Touch the symbol.
The keyboard is displayed.
- Enter a new name for the destination and touch **OK**.
The destination is stored in the *Favourites* under the name entered.

Deleting a destination

You can delete a destination stored in the favourites or a last destination:






Prerequisite:

- You opened the *Last destinations* list as described in the chapter "Destination entry", "Copying one of the last destinations".
- or -
- You opened the *Favourites* menu as described in the chapter "Destination entry", "Copying a destination from the favourites".
- Select the destination to be deleted.

-  Touch the button to call up the add-on menu.
-  Touch the symbol.
A confirmation is displayed.
- Touch **Yes** to delete the destination.
- or -
- Touch **No** in order to not delete the destination.

Delete all destinations

You can delete all the last destinations or all destinations in the *Favourites*:

-  Touch the symbol in the *Navigation* menu.
The *Destination Input* menu is displayed.
-  Touch the symbol in the *Navigation* menu.
The *Favourites* menu is displayed.
- or -
-  Touch the symbol.
The *Last destinations* menu is displayed.
-  Touch the button to call up the add-on menu.
-  Touch the symbol.
A confirmation is displayed.
- Touch **Yes** to delete the destination.
- or -
- Touch **No** in order to not delete the destination.

Calculating a route


Calculate the route to a destination entered to learn about distance and travel time: Afterwards, you have the option to start the route guidance or to continue optimising the route options.


All destinations, for which a route is calculated, are stored in the *Last destinations*.

Starting the route calculation

Prerequisite:

- You entered a destination as described in the chapter "Destination entry".
- or -
- You entered a point of interest as described in the chapter "Points of interest".
- or -
- You planned a tour as described in the chapter "Tour planning".

 Touch the button to call up the add-on menu.


 Touch the symbol.
The route is being calculated.


Note:

If no GPS reception is available, the last known position is taken as the starting point of the route.

Additional functions after the route calculation


After the route calculation, you have the option to start the route guidance or to display the route on the map.


 Touch the **Start Route Guidance** button.
The route is calculated and the route guidance started.
- or -


 Touch the symbol.
The route is shown on the map.

Specifying route options


The route options can be defined at any time. If you change the route options during a route guidance, the route may be recalculated.

 Touch the symbol in the map view.
The *Navigation* menu is displayed.


 Touch the symbol.
The *Route Options* menu is displayed.

 Touch the symbol to select the type of route calculation:

- **Fast:** The route with the fastest travel time is calculated.
- **Short:** The route with the shortest distance is calculated.
- **Optimal:** Combination of shortest and fastest route at a ratio of 40 to 60 percent. Distance and time are taken into consideration. This route type is adjustable and described below.
- **Ecological:** The route with the lowest driving expenses (fuel efficient) is calculated. For this purpose, the shortest and fastest route are combined at a ratio of 75 to 25 percent.
- **Economic:** Combination of fastest and ecological route. Time and costs are taken into consideration. For this purpose, the shortest and fastest route are combined at a ratio of 40 to 60 percent.

 Touch the symbol to change between speed profiles offered.

Note:

 You can call up an add-on menu for the profiles **Fast** or **Slow**: Select the *Adaptive* option so that the profile can be adapted to your driving style. If necessary, it can be reset to the factory setting.

Touch the symbol to activate (check mark) or deactivate (no check mark) automatic traffic jam detours with TMC.

Touch the symbol to allow (check mark) or disallow (no check mark) motorways.

Touch the symbol to allow (check mark) or disallow (no check mark) toll roads.

Touch the symbol to allow (check mark) or disallow (no check mark) ferries.

Touch the button.
The display shows the second page of the menu.

Touch the symbol to allow (check mark) or disallow (no check mark) tunnels.

Touch the symbol to allow (check mark) or disallow (no check mark) seasonal roads.

Seasonal roads are roads that could be closed depending on the season, e.g. snowfall.

Touch the symbol to adjust the relationship of short and fast for the route type **Optimal**.

Touch this button to exit the menu.

Route guidance



DANGER!

Disregarding traffic rules can lead to accidents

Follow the turn-by-turn directions only if the street routing and traffic rules allow it. The navigation device will bring you to your destination even if you have to deviate from the planned route.

Notes:

- Repeat the voice output if you did not understand it. (Ch. "Voice output during the route guidance")
- You can always use the map or arrow display for orientation purposes.

Start route guidance

Touch the **Start Route Guidance** button.

The route is calculated and the route guidance started.

Notes:

- The route is calculated using the settings for the route calculation. (Ch. "Specifying route options")
- The destinations are automatically stored in the *Last Destinations*.



The so-called "cursors" represents your position.



Compass:

Always points north (for orientation)

Note:


If you enter an additional destination during an active route guidance and start the route guidance, you have two options:

- You can insert the destination as interim destination. The route is recalculated and the interim destination is approached next.
- Or you start a new route guidance to the destination entered.

Reaching the place of destination

As soon as you have reached the destination point, the message "You have reached your destination" appears. The map now displays only your current position.

Quitting the route guidance

- ➡ Touch any position on the map.
The *Route Guidance Options* add-on menu is displayed.
- ➡  Touch the symbol to quit the route guidance.
A confirmation is displayed.
- ➡ Touch **Yes** to quit the route guidance.
The map is displayed.
- or -
- ➡ Touch **No** to continue the route guidance.


Offroad route guidance

If you are on a road that is not part of the map material ("off road"), a route cannot be calculated. The navigation device then supports the route guidance like a digital compass:

- An arrow points to the direction of the destination.
- The distance to the destination (straight line) is displayed.
- The coordinates of your current position and the destination are displayed.

A prerequisite in this case is sufficient GPS reception.

Disturbed GPS reception

 On the map, the symbol indicates that no sufficient GPS signal is being received. If you start a route guidance at this point, the navigation device calculates the route based on the last known position.


If the GPS reception is disturbed during route guidance for an extended period of time, the route guidance is stopped. As soon as the reception is re-established, the device automatically recognises whether your position has changed and, if necessary, recalculates the route. At that time, you can simply continue your destination guidance.

Note:

External influences can interfere with the view to the sky and, therefore, the GPS reception of the navigation device. For further details, read the chapter "Troubleshooting table".

Working with the map


Showing a Map

-  Touch the symbol in the main menu.


To change to the map display from the *Navigation* menu:

-  Touch the button.

To reach the map view after the destination entry:




-  Touch the button to call up the add-on menu.

-  Touch the symbol.



-  Touch the button to close the map view and return to the destination entry.

Moving and scaling the map


To view the desired destination area on the map, you can move the map section and scale it (zoom in and zoom out).

-   Touch one of the symbols to zoom in or out of the map.
- Touch the map and move the map in the desired direction.
-  Touch the button to return to your current position.

Touching the map

- Touch a location (the street or the point of interest) in the map.
 The city is selected and its name appears in the lower display bar.
- Touch the **OK** button.
The coordinates to the selected location are displayed.
-  Touch the symbol to adopt the city as the destination.
The route guidance is being started.

- or -

-  Touch the symbol to store the location and use it as destination at a later time.

The keyboard is displayed.

- Enter a name for the destination and touch **OK**.



The destination is stored in the *Favourites* under the name entered. (Ch. "Managing destinations")

Note:



If you touch any place in the map during the route guidance, an add-on menu with additional functions is displayed. For further details, read the chapter "Additional functions during the route guidance".

Buttons





In the map view, the following buttons are available:


-  Touch the symbol to reach the *Navigation* menu.
-  Touch the symbol to reach the *Map Settings* menu.




Performing map settings


-  Touch the symbol in the map view.
The *Map Settings* menu is displayed.
-  Touch the symbol to toggle between day and night display or to activate the automatic function.


If you activate the automatic function, switching between day and night display occurs automatically. In the process, the display brightness is constantly adjusted to the light conditions. (For further details, read the chapter "Settings", "Performing device settings").


-  /  Touch the symbol to change between 2D and 3D view.
-  /  Touch the symbol to change the map orientation between driving direction and direction North.


 Touch the symbol to change these settings for the speed limit:


-  Touch the symbol to show (check mark) or hide speed warnings (no check mark) on the map.
-  Touch the symbol to switch the warning beep on (check mark) or off (no check mark).
-  Touch the symbol to adjust a tolerance value for the speed warning. A warning occurs only if the tolerance value is exceeded.


 Touch the symbol to show (check mark) or hide (no check mark) points of interest.

 Touch the symbol to switch auto zoom on (check mark) or off (no check mark).
Auto zoom means that the map scale is perfectly adjusted to the respective driving situation during route guidance. If you approach an action, the view is enlarged, e.g. so that you can clearly see the next intersection. If the next action is farther away, the view is reduced so that you can easily see the run of the road.

 Touch the button.
The display shows the second page of the menu.

 Touch the symbol to show (check mark) or hide altitude and speed (no check mark) on the map.

 For route guidance with several interim destinations, the time and distance to the next interim destination is shown on the map. Touch the symbol to also show (check mark) or hide (no check mark) the time and distance to the last destination.

 Touch the symbol to show (check mark) or hide (no check mark) distances to points of interest.

Note:

The distances are shown exclusively for points of interest along your route and only at motorways.


 /  Touch the symbol to change between the display of arrival time and remaining driving time (travel time).


Voice output during route guidance

Your navigation device supports route guidance with voice-prompted turn-by-turn directions and announces turns in advance. In the process, it also announces the names of major roads and motorways. In the settings, you can activate and deactivate the voice instructions of the navigation (Ch. "Settings", "Settings for navigation").

Note:

The volume can be changed only if the voice output is currently active.

 During the voice output, press the button **VOL -** or **VOL +** to change the volume for the voice output.

 Touch the lower field on the display to repeat the last voice output.

Map display during destination guidance

During the route guidance, the map display shows you different navigation tools and route information.



DANGER!

Disregarding the street routing can lead to accidents

The information on the digital road maps may no longer be current due to short-term changes (construction, etc.).

Additional information, e.g. the speed limit, can be shown only if they are contained in the map material.

The signposts and local street routing always have priority over the information of the navigation device.

Navigation tools



The so-called "cursor" represents your position.



The compass always points north (for orientation).

Top field: Name of next street

Bottom field: Name of current street



The action arrow shows the next action and the distance to that action.

When you come closer to the location of the next action, a bar is shown on the right side: The fewer yellow segments are displayed, the closer you are to the location of the next action.



Voice output is activated.



Voice output is deactivated (muted).
Touching the symbol reactivates the voice output.

Route information

The lower display bar shows the following route information by default:

- Remaining distance to destination
- Estimated time of arrival

Instead of the arrival time, you can also display the remaining driving time.

For route guidance with several interim destinations, the route information for the next interim destination is displayed. In addition, you can show the distance and time for the last destination.

For settings, please read the chapter "Working with the map", "Performing map settings".

Speed limit



The speed limit is shown in the left area of the map.

Note:

This information can be displayed only if it is activated in the navigation settings. (Ch. "Working with the map", "Performing map settings")

Additional functions during the route guidance

Prerequisite:

- Route guidance
- or -
- Route simulation (demo)

➡ Touch any position on the map to display additional functions.

The *Route Guidance Options* add-on menu is displayed.



The following functions are now available:

- Entering a blocking
- Cancelling route guidance
- Skipping the next destination
- Display information about the destination
- Display route list

Entering a blocking

During the route guidance, you can block the route segment lying ahead of you. An alternate route is calculated and the blocked partial route is bypassed.

➡ Touch the symbol in the add-on menu.
The *Traffic Jam Ahead* menu is displayed.

In this menu, you can select the length of the blocking, starting with your current position.

➡ Touch the buttons to enter the length of the blocking.

➡ Touch the **OK** button.

The route is recalculated and the blocked route segment is evaded.



The symbol identifies the blocking. The blocked segment is marked in red.

To cancel the blocking:

➡ Touch the symbol in the add-on menu. (The check mark indicates that a blocking has been entered).

A confirmation is displayed.

➡ Touch **Yes** to delete the blocking.
The route is being recalculated.

- or -

➡ Touch **No** in order to not delete the blocking.

Cancelling route guidance

➡ Touch the symbol in the add-on menu.

A confirmation is displayed.

➡ Touch **Yes** to quit the route guidance.
The map is displayed.

- or -

➡ Touch **No** to continue the route guidance.

Skipping the next destination

Prerequisite:

- Tour with at least 1 interim destination (tour planning)

➡ Touch the symbol in the add-on menu.

The route is recalculated and the next destination is approached.


Display information about the destination

➡ Touch the symbol in the add-on menu.

The destination address with information about distance and arrival or remaining driving time is displayed. For tours, all interim destinations are listed.





The destination can be displayed on the map:

➡ Touch the **Show In Map** button.

-  Touch the symbol to exit the map view again.

Display route list

The route list can be displayed to gain an overview of the route.

-  Touch the symbol in the add-on menu.
The route list is displayed.
-   Touch the buttons to scroll through the route list.
-  Touch the symbol to exit the route list again.

TMC function

The **T**raffic **M**essage **C**hannel continuously broadcasts traffic announcements. The TMC function in your device allows you to receive and display the messages. Or you can use them for route guidance so that you can avoid traffic jams.

Establishing TMC reception




TMC is a service of the radio stations and is not offered in all countries. The troubleshooting table shows the countries in which TMC is available.

Connecting the TMC antenna

Your navigation device features a built-in TMC antenna. To improve the reception, you can connect an external TMC dipole antenna to the antenna input.




Searching for TMC stations

The device automatically sets the next receivable TMC station. If the reception quality deteriorates, it immediately searches for a new station. Or you tune in your preferred TMC station:

-  Touch the symbol in the *Navigation* menu.
The *TMC Messages* menu is displayed.
-  Touch the button to display the add-on menu.
-  Touch the symbol.
The TMC station search starts.



Showing traffic reports

The device also reports traffic obstructions if you did not start a route guidance.


-  Touch the symbol in the *Navigation* menu.
The traffic reports are listed.
-   Touch the buttons to change between messages.
- Touch the **Show Message** button to display a message in its entirety.

Switch on automatic traffic jam detours

During the route guidance, the automatic traffic jam detours guides you past reported traffic obstructions.

-  Touch the symbol in the *Navigation* menu.
The *Routing options* menu is displayed.
-  Touch the symbol to activate (check mark) or deactivate (no check mark) automatic traffic jam detours.

Traffic obstructions on the map display

-  On the map, the symbol identifies all received traffic obstructions.

The concerned segments are marked in red or in gray if they are outside your route.

In addition, a note calls your attention to immediate dangers, such as drivers going in the wrong direction, as soon as the TMC message is received.

Data transfer

Road maps can be copied onto a memory card and then used with the device.

CAUTION!

Editing data in the internal memory can damage the device


If you connect the navigation device via a USB cable with your computer, you have access to the internal memory of the Lucca and the memory card. If you change or delete the files in the internal memory, it may render the device inoperable.

Copy or delete files on your memory card only with the of a computer.

Copying data to the memory card


Use the navigation device as a card reader to copy the desired data onto the memory card. Please read the technical data to find out which USB cables and which memory cards are compatible with the device.

As an alternative, you can also transfer the data to the memory card using a card reader.


-  Insert your memory card with the contacts to the front in the card slot until the card engages.

Note:

Observe the marking at the slot.

-  Connect the device with a computer using a USB cable.

The computer recognises the navigation device as a card reader. The memory card is displayed as a drive.

-  Copy the desired data onto the memory card.

Note:

Use the installation programme on the CD/DVD to copy road maps to your memory card.

Using road maps from memory card

The road map of the country in which the navigation device was purchased is preinstalled in the memory of the navigation device. The enclosed CD/DVD offers additional road maps depending on the device variant as well as an installation program to copy these road maps to your memory card.


To use an additional road map:


- Insert the memory card with the contacts to the front into the card slot.


Note:


Observe the marking at the slot.

- Switch on the navigation device.
The road maps are automatically loaded from the memory card into the memory.

-  Touch the symbol in the main menu.
The map is displayed.

-  Touch the symbol.
The *Navigation* menu is displayed.

-  Touch the symbol.
The *Settings* menu is displayed.

-  Touch the symbol.
A list of the available road maps is displayed.

- Touch the desired road map in the list to select it.

Settings


You can perform these settings:


- Map settings (Ch. "Working with the map", "Performing map settings")
- Setting for the navigation
- Device settings


Performing settings for the navigation


Settings in the navigation menu:

- Home address
- Continuing the tour automatically
- Selecting a dataset
- POI note
- Voice instructions
- Units


-  Touch the symbol in the main menu.
The map is displayed.

-  Touch the symbol.
The *Navigation* menu is displayed.

-  Touch the symbol.
The *Settings* menu is displayed.
If you performed changes to the settings:

-  Touch the button to exit the menu.

Home address

-  You should enter your home address to quickly navigate home from any location. For further details, read the chapter "Performing basic settings", "Entering the home address".

Continuing the tour automatically

For tours with several interim destinations, you can specify that the next destination is automatically approached after reaching an interim destination.

If the function is deactivated, a confirmation is displayed upon reaching an interim destination whether the route guidance to the next interim destination should be continued.



Touch the symbol to activate (check mark) or deactivate (no check mark) the function.

Selecting a dataset



In the *Choose Dataset* menu, you can call up the list of available road maps and select the desired road map. For further details, read the chapter "Data transfer".

POI note

If you are using your own POIs (points of interest), the device can bring it to your attention in due time during a route guidance.

Note:

The enclosed CD/DVD contains an installation programme with instructions to create your own POIs.



Touch the symbol to activate (check mark) or deactivate (no check mark) notes on the map and the warning beep.

Voice instructions

You can mute (deactivate) the voice instructions of the navigation.



Touch the symbol to activate (check mark) or deactivate (no check mark) the voice instructions.

Units

You can define which units of measure should be used for distances.



Touch the symbol to change between kilometres and miles.

Performing device settings

Settings in the *Settings* menu:

- Display
- Button sounds (sound of the buttons)
- Language
- Time
- Product information
- Theft protection

The second page of the menu also contains the following settings:

- Factory settings
- Calibrating the touchscreen



Touch the symbol in the main menu.

The *Settings* menu is displayed.



Touch the button to scroll in this menu.

If you performed changes to the settings:



Touch the button to exit the menu.

Display

In the map settings, you can select between day and night display or activate automatic switching (Ch. "Working with the map", "Performing map settings").

In the *Display* menu, you can set the display brightness for day and night.

Furthermore, it is possible to adjust the switching threshold for automatic switching. It allows you to select when switching between day and night display occurs.



Touch the symbol.

The *Display* menu is displayed.

Touch the **Brightness Day** button to adjust the brightness for day mode.


Touch the **Brightness Night** button to adjust the brightness for night mode.

Touch the **Switch Threshold** button to adjust the automatic switching.

A lower value indicates, for example, that switching to night display already occurs at dusk. A higher value causes switching to wait until darkness.


Button sound

In the *Key Clicks* menu, you can adjust the volume of the key clicks or mute ("0") them. You can also select from different key clicks.

-  Touch the symbol.
The *Key Clicks* menu is displayed.


- Touch the desired key click.

- Touch the **Volume** button.
The *Key Click Volume* menu is displayed.


-  Touch one of the buttons to adjust the volume.

Language


In the *Language* menu, you can define the language in which the menus are displayed. The voice outputs also use the defined language, if available. If the selected language is not available for the voice output, it is output in English.

-  Touch the symbol.
A list with available languages is displayed.
- Touch the language in the list that you want to use for menus and voice output.
- Touch the **OK** button.


Time

-  In the *Time* menu, you can select the time zone for your current position, adjust the daylight savings time and switch between 12-hour and 24-hour display. The navigation can announce the correct arrival time only if you set the correct time zone.
For further details, read the chapter "Performing basic settings", "Setting the time zone".

Product information

-  Touch the symbol.
Product information about the device, such as the version of the map used and the navigation software, are displayed.

Theft protection



-  In the *Anti-Theft Protection* menu, you can assign a PIN and a PUK to your navigation device to protect it against unauthorised use. The PIN can be changed at any time. Register under <http://puk.blaupunkt.com> to securely store your PUK.
For further details, read the chapter "Performing basic settings", "Activating the PIN query".

Factory settings

In the *Factory settings* menu, you can reset the navigation software to the factory settings.


Note:

If you reset the device to the factory settings, your personal settings and stored destinations are deleted.

-  Touch the symbol on the second page of the *Settings* menu.
The *Factory Settings* menu is displayed.
-  Touch the symbol to reset the settings for the navigation.
- Touch **Yes** to reset the settings to the factory settings.
The map is displayed.
- or -
- Touch **No** to cancel the procedure.

Calibrating the touchscreen

You can recalibrate (align) the touchscreen if it responds imprecisely to touches.

-  On the second page of the *Settings* menu, touch the symbol to start the calibration.
- Follow the instructions on the display to calibrate the touchscreen.

Software

Reinstalling navigation software

For reinstallation purposes, the navigation software for your navigation device and instructions are located on the enclosed CD/DVD.

Updating the navigation software

To ensure that your navigation device is always state-of-the-art, Blaupunkt offers software updates at regular intervals. They can be downloaded from the Blaupunkt Internet site www.blaupunkt.com.

Service

In some countries Blaupunkt offers a specific repair service including a pick-up service.

In case your device has to be sent to Blaupunkt for service you can order a pick-up service for your device on the internet.

Refer to www.blaupunkt.com to check if this service is available in your country.

Warranty

We provide a manufacturer warranty for our products bought within the European Union. For devices purchased outside the European Union, the warranty terms issued by our respective responsible domestic agency are valid.

The warranty terms can be called up under www.blaupunkt.com or requested directly from:

Blaupunkt GmbH, Hotline
Robert-Bosch-Str. 200
D-31139 Hildesheim

Technical data

Dimensions (W x H x D)

99 x 99 x 16.9 mm

Weight

approx. 180 g

Operating temperature

-20 °C ... 60 °C

Storage temperature

-30 °C ... 70 °C

Power supply

Battery: Li-ion, 3.7 V/1150 mAh

Charger cable for cigarette lighter:

Input 12 V

Battery charger: Input 100 to 240 V (50/60 Hz), output 12 V / max. 1 A

Display

3.5" touchscreen TFT LCD color display 4:3, 320 x 240 pixel

Audio

Built-in loudspeaker, min. 1 W

GPS receiver

Integrated, QuickFind technology Centrality GPS, 32 channels

Platform

Dual Core Centrality Atlas III Processor (400 MHz)

Internal 64 MB SDRAM Memory

1 GB NAND Flash Memory

Memory card slot: SD cards, MMC and SDHC max. 4 GB

USB

USB 2.0

Operating system

Microsoft Windows CE 5.0

Subject to changes

Troubleshooting table

Problem	Cause	Measure
The device does not work or does not work correctly.	The operating system is overloaded.	Perform a reset (Ch. "Switching on/off")
		Reset the factory settings (Ch. "Settings"). All personal settings will be deleted!
		Reinstall the navigation software using the enclosed CD/DVD.
The display remains dark if I switch on the device.	The display may temporarily lose its contrast after long and heavy exposure to the sun and high temperatures.	Place the device in the shade for approximately 10 minutes and switch it on again.
	At very high temperatures, the device switches off to protect against overheating.	
	The battery is not sufficiently charged.	Fully charge the battery. (Ch. "Charging the battery")
The battery is empty, even though I did not use the device for some time.	The device continues to use a small amount of energy if it is switched off. Hence, the battery could be discharged after a few days.	To obtain battery operation of up to 3 hours in navigation mode, completely charge the battery.
	During short driving times, the battery is not completely charged.	Always operate the device in the vehicle together with the charger cable via the cigarette lighter.
The device does not respond when I touch the buttons.	The operating system is overloaded.	Perform a reset (Ch. "Switching on/off")
The device does not output any turn-by-turn directions via voice output.	The voice instructions are deactivated.	Activate the voice output in the settings.
	The volume of the voice instructions is too low.	Increase the volume during a voice output.

Problem	Cause	Measure
The device has no or only a very poor GPS reception.	After switch-on, the device requires approx. 1 minute until it is ready for navigation. During the initial switch-on, it requires a longer time and a strong GPS signal.	Move to the outside and place the device on high ground. Your device is operational again after no more than 2 to 5 minutes. At that time, the navigation is also possible under less than perfect conditions.
	The GPS reception is generally limited inside of buildings.	
	Heavily metal-evaporated windshields can interfere with the GPS reception.	You may attempt to install the device in a different location in the vehicle.
		Connect an external GPS antenna.
	Reflection and separation, e.g. due to high-rises, tunnels, mountains or heavy foliage	The device must have a clear path to the sky. Wait until the GPS reception is available again. The route guidance is then continued automatically.
	Heavy snowfall and (thunder) storms	
	Transport of the vehicle by car-sleeper train or ferry	
The device has no or only a very poor TMC reception.	The internal TMC antenna only receives a weak TMC.	Connect an external TMC antenna to the device.
	No TMC station is receivable.	TMC is currently available in Austria, Belgium, Czech Republic, Denmark, Germany, England, Finland, France, Italy, Netherlands, Norway, Spain, Sweden, and Switzerland.
The device does not recognise my memory card.	The memory card is not compatible with this device.	Use compatible memory cards. (Ch. "Technical data")
	The memory card was formatted using the wrong file system.	Format the memory card with the file system FAT16 or FAT32.
	Due to continued technical developments, Blaupunkt cannot guarantee the correct functioning of memory cards from different manufacturers and different types of cards. Try a memory card from a different manufacturer or with a different capacity.	

FCC Information (USA)

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

1. This Device may not cause harmful interface, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which receiver is connected.
4. Consult the dealer or experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

CAUTION

Exposure to Radio Frequency Radiation.

Antenna shall be mounted in such a manner to minimize the potential for human contact during normal operation. The antenna should not be contacted during operation to avoid the possibility of exceeding the FCC radio frequency exposure limit. The minimum separation distance of 20 cm from the antenna to the body of user required.

Country:		Phone:	Fax:
Germany	(D)	0180-5000225	05121-49 4002
Austria	(A)	01-610 39 0	01-610 39 391
Belgium	(B)	02-525 5444	02-525 5263
Denmark	(DK)	44-898 360	44-898 644
Finland	(FIN)	09-435 991	09-435 99236
France	(F)	01-4010 7007	01-4010 7320
Great Britain	(GB)	01-89583 8880	01-89583 8394
Greece	(GR)	210 94 27 337	210 94 12 711
Ireland	(IRL)	01-46 66 700	01-46 66 706
Italy	(I)	02-369 62331	02-369 62464
Luxembourg	(L)	40 4078	40 2085
Netherlands	(NL)	00 31 24 35 91 338	00 31 24 35 91 336
Norway	(N)	+47 64 87 89 60	+47 64 87 89 02
Portugal	(P)	2185 00144	2185 00165
Spain	(E)	902 52 77 70	91 410 4078
Sweden	(S)	08-7501850	08-7501810
Switzerland	(CH)	01-8471644	01-8471650
CzeCh. Rep.	(CZ)	02-6130 0446	02-6130 0514
Hungary	(H)	76 511 803	76 511 809
Poland	(PL)	0800-118922	022-8771260
Turkey	(TR)	0212-335 07 23	0212-346 00 40

<http://www.blaupunkt.com>

© 2008 All rights reserved by Blaupunkt. This material may be reproduced, copied or distributed for personal use only.

This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.



Mobile Navigation

TPAssist

TravelPilot 100

TravelPilot 200

TravelPilot 300



Operating instructions

 **BLAUPUNKT**

TPAssist

The TPAssist PC tool can run on any PC using Windows or Linux and on any Mac using the Mac OS operating system.

To be able to use TPAssist, Java SE version 1.5 or later must be installed (download under: www.java.com).

Introduction

TPAssist provides support for adding you own POIs (Points Of Interest) to your device. In addition, you can restore the navigation software and road maps, if necessary.

Chapter overview

These operating instructions are intended to provide answers to your questions concerning TPAssist:

- ▶ Chapter **Start**: How do I start TPAssist?
- ▶ Chapter **User POIs**: How do I edit POIs and how do I use them with my device?
- ▶ Chapter **Recovery**: How do I restore the navigation software and road maps in my device?
- ▶ Chapter **Memory cards**: How do I use memory cards with the device?
- ▶ Chapter **Special topic – POI lists**: How do I use POI lists without TPAssist?

Symbols used

These operating instructions use the following symbols:

- ⚠ Warnings contain information for safe operation.
- 💡 Notes must be followed to reach the desired goal.
- 💡 Tips or recommendations are intended to facilitate the use of TPAssist.
- ▶ Links guide you to additional information about the topic.
- ▶ End of a chapter.

What prerequisites does my computer have to have?

What can I do with TPAssist?

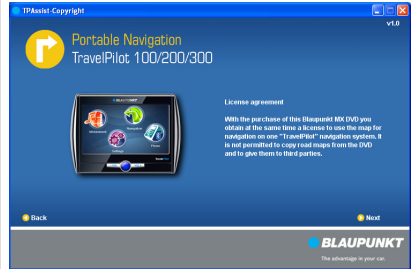


Start

Step 1

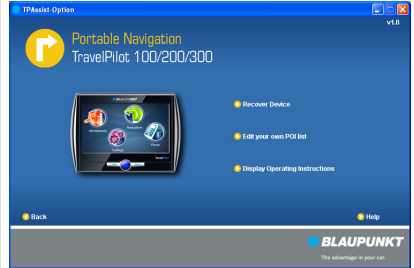
- Insert the supplied backup DVD in the drive.
- If TPAssist does not start automatically:
 - Open *My Computer* (PC) or the *Desktop* (Mac).
 - Open the backup DVD and double-click on the "TPAssist.jar" file.
 - TPAssist starts.
 - Select your preferred language.
 - The TPAssist main menu is displayed.
 - Select your device.
 - Here you can read the license agreement and change to the selection of options.

How do I start TPAssist?



Step 2

- Click on **Next** and select one of the options:
 - Click on **Edit your own POI list** to load and manage your own POI list or to create new POI lists.
 - Click on **Recover device** to subsequently reinstall the navigation software in your device.
 - Click on **Display operating instructions** to call up the instructions for your device.



User POIs

TPAssist can also be used to create your own POIs and edit existing POI lists.


To use the POIs with the device:

- TravelPilot 100 and TravelPilot 200: The device uses the user POIs from the memory card. For this purpose, the POI lists must be copied to the memory card.
- TravelPilot 300: The device uses user POIs from its memory. For this purpose, the POI lists must be loaded directly into the memory.

Step 1 – Connecting the device

- ➡ Connect the device with your computer using a USB cable.

Step 2 – Using the memory card (TravelPilot 100 and TravelPilot 200 only)

- ➡ Insert the  memory card into the device.
- ➡ Switch on the device with the **On/Off switch**. The computer recognises the device as a card reader.

Step 3 – Loading or creating a POI lists

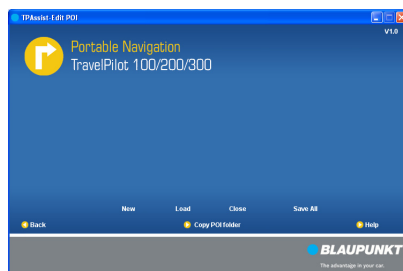
If you selected the **Edit your own POI list** option in the main menu, the following options are available:

- **Copy POI folder:**
Copy a folder with existing POI lists directly to your device (TravelPilot 300) or to the memory card (TravelPilot 100 and TravelPilot 200).
- or -
- **Load:**
Load an existing POI list from your computer to edit it. For this purpose, you are asked to select the POI list in the "Open" window.
- or -
- **New:**
Create a new POI list with a name of your choice.
- or -

How do I edit POIs and how do I use them with my device?

Tip:

As an alternative, you can also transfer the data to the memory card using a card reader.



Tip:

POI lists can be obtained from external sources, e.g. on the Internet under www.poicon.com.

- **Save all:**
To subsequently save the POI lists.
- or -
- **Close:**
To subsequently close the POI lists.

You can load several POI lists or create new ones and edit them subsequently.

- ➡ Click on one of the options to load a POI list or to create a new one.
The POI editor is displayed.

Step 4 – Displaying a POI list

The left column of the POI editor displays all the loaded or newly created POI lists.

- ➡ Click on a POI list to select it.

Step 5 – Selecting a POI icon for the POI list

In the main window, you can select the POI icon for the POI list:

- ➡ In the **POI icon** field, click on the displayed POI icon to select a different image for the POI list.

The POI icon is displayed on the map for future devices if it has the same designation as the corresponding POI list (currently an optional entry field).

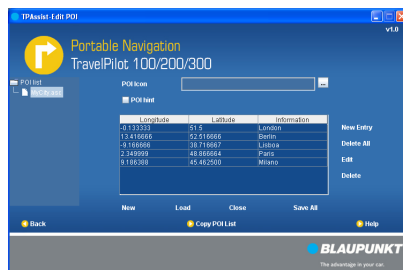
Step 6 – Activating POI hints

When you activate the POI hints, the device can point to the POIs in time during a route guidance:

- ➡ Click on the **POI hint** field to activate the POI hints (check mark) or to deactivate them (no check mark).

Note:

The device can use up to 128 POI lists.



Note:

The POI hints must also be activated in the settings in the device. (long instructions "Settings", "Performing settings for navigation")

Step 7 – Editing a POI list

In the table, you can add, delete or rename individual POIs. The positions of the POIs are entered as coordinates:

- **New entry:**
Adding a line for an additional POI. The empty line is attached to the end of the POI list.
- or -
- **Edit:**
Editing a POI in the table.
- or -
- **Delete:**
Button for deleting individual POIs.
- or -
- **Delete All:**
Deleting the entire POI list.

☞ Click on one of the options to edit the POIs in a list.

☞ Enter the coordinates (degree of latitude and longitude) for every POI in the table and a description (information):

- **Longitude/Latitude:** Enter the coordinates in decimal form (e.g. 51,50939 and -0,11832) or as **D**egrees, **M**inutes and **S**econds (**DMS**, e.g. 51°30'33.8"N and 0°7'5.95"W) .
- **Information:**
Rename the POIs as follows, if necessary:
CountryCode_Category1_Category2, e.g. "GB_Leisure_Golf.asc".
Ensure that country code and categories are separated in the file designation of POI lists. Use underscores for this purpose. Only then can the device subsequently sort the POIs by country code and categories.

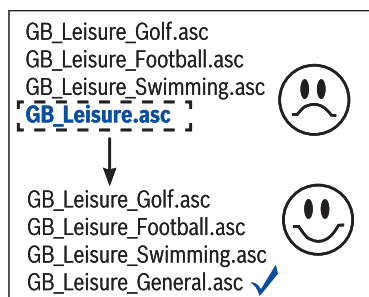
Longitude	Latitude	Information
-0.133333	51.5	London
13.416666	52.516666	B

Tip:

You can obtain the coordinates of your favourite locations by using external Internet sources, e.g. <http://maps.google.com> or Google Earth.

Note:

The order and number of categories of POIs must always remain the same within a list:



Additional prerequisites

Step 8 – Storing POI lists

- Click on **Save All** to save the changes and click on **OK**.

The POI lists are saved to the location from where they were opened (e.g. on the hard disk).

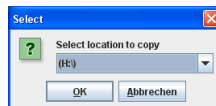
Step 9 – Copying POI lists (TravelPilot 100 and TravelPilot 200 only)

- Click on **Copy POI list**.
A window opens in which you can select the target drive.

- Select the removable media drive and confirm with **OK**.

The POI lists are copied to the memory card.

You can now use your own POIs from the memory card with the device. (For further details, please read the long instructions, chapter "Navigation", "Entering a point of interest").



Note:

If you remove the memory card from the device, the POIs are no longer available.

Step 9 – Copying POI lists (TravelPilot 300 only)

- Click on **Copy POI list** and confirm with **OK**.
The POI lists are loaded into the memory. 🔄

Recovery

If necessary, the navigation software and road maps – including the POIs that were preinstalled when the device was purchased – can be copied with TPAssist to a memory card and reinstalled in your device.

This requires:

- TravelPilot 100 and TravelPilot 200:
Memory card with a capacity of at least 1 GB
- TravelPilot 300:
Memory card with a capacity of at least 4 GB

How do I restore the navigation software and road maps in my device?

Caution

Every interruption of the installation may lead to errors in the device. For this reason:

- Only remove the memory card after completing the installation.
- Ensure that the power supply of the device is working (external power source or sufficiently charged battery).

Step 1 – Connecting the device

- ➡ Connect the device with your computer using a USB cable.

Step 2 – Using the memory card

Insert the  memory card into the device.

- ➡ Switch on the device with the **On/Off switch**.
The computer recognises the device as a card reader.

Tip:

As an alternative, you can also transfer the data to the memory card using a card reader.

Step 3 – Copying navigation software and road maps to the memory card

If you selected the **Recover device** option in the main menu, a window opens in which you can select the target drive.

- ➡ Select the removable media drive and confirm with **OK**.
The data are copied to the memory card.

Note:

To ensure that the program copies the correct data for your device, connect the device with the computer using a USB cable. If the device cannot be recognised, you can also continue the process without checking the device.

Step 4 – Reinstalling the navigation software and road maps



- If you use the device as a card reader, please remove the memory card and then disconnect the device from your computer.
The device restarts.
The reinstallation can now be started:
- Insert the memory card into the device.
- Press and hold the **On/Off switch** for longer than 14 seconds while pressing and holding the **VOL –** button until the first message appears on the display.
The installation is being performed.
- After completing the installation, remove the memory card.

Step 5 – After the installation

- Perform the basic settings again. (For further details, please read the instructions, ch. "Performing basic settings")
- Start the navigation.
- Touch any point on the map.
The message "No data record available" is displayed.
- Touch the **OK** button.
The list of available road maps is displayed.
- Touch the desired road map in the list to select it. 📍

Memory cards

You can use a memory card with the device for the following:

-  Own POI lists
-  Reinstalling the navigation software and road maps (recovery)

Step 1 – Preparing the memory card

The device accepts SD/SDHC and MMC cards. The maximum capacity of the memory cards is 4 GB.

- ➡ Connect a commercially available card reader or the device to your computer and insert a memory card.
- ➡ Ensure that the memory card was formatted using the file system FAT 16 or FAT 32:
 - To do so, select *My Computer* (PC) or *Finder* (Mac).
 - Right-click on the removable media drive or the drive that appears and select *Format* > *FAT* (PC).


or

- Click on *Programs > Utilities > Hard Disk Utilities*, select the memory card, and click on the *Delete* tab. Select the *MS-DOS File System* format, and click on *Delete* (Mac).
- Follow the instructions on the display.

Step 2 – Inserting the memory card in the device

- ➡ Switch off the device with the **On/Off switch**.
- ➡ Insert your memory card with the contacts to the front in the card slot until the card engages. You can now switch the device on again and use it.

Step 3 – Removing the memory card from the device

- ➡ Carefully push on the memory card in the slot until it disengages. The memory card is ejected from the slot.
- ➡ Remove the card. 

How do I use memory cards with the device?

Note:

Always use an empty memory card for applications with TPAssist. For safety reasons, you cannot delete any files with TPAssist. If necessary, remove the files on your memory card using Explorer (PC) or Finder (Mac).

Tip:

Name the memory card, e.g. with "POI lists", to be able to keep track: For this purpose, you enter a description for the memory cards in the Format window (PC) or in the "Information" window (Mac: right-click on the removable media drive).

Note:

Observe the marking on the card slot of the device.

Special topic – POI lists

You can also copy POI lists independent of TPAssist to a memory card, rename them and create POI icons, so that they can be used with the device.


POI lists are available from external sources, e.g. via the Internet from POICON (www.poicon.com). The device supports Garmin-compatible file formats for POI lists:

- *.csv (comma-separated values)
- *.asc (ASCII text format)

Step 1 – Connecting the device

- ➡ Connect the device with your computer using a USB cable.

Step 2 – Using the memory card (TravelPilot 100 and TravelPilot 200 only)

- ➡ Insert the  memory card into the device.
- ➡ Switch on the device with the **On/Off switch**.
The computer recognises the device as a card reader.

Step 3 – Creating your own POIs

The device can only use POIs with the following format:

- ➡ Rename the POIs as follows, if necessary:
CountryCode_Category1_Category2, e.g. "GB Leisure Golf.asc".
Ensure that country code and categories are separated in the file designation of POI lists. Use underscores for this purpose. Only then can the device subsequently sort the POIs by country code and categories.
- ➡ Enter the coordinates in decimal form (e.g. 51,50939 and -0,11832) or as **D**egrees, **M**inutes and **S**econds (**DMS**, e.g. 51°30'33.8"N and 0°7'5.95"W).

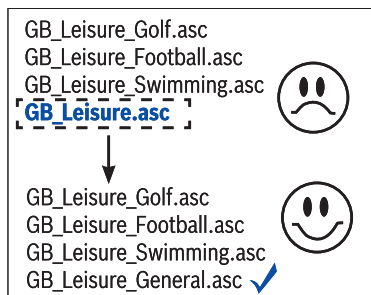
How do I use POI lists without TPAssist?

Tip:

As an alternative, you can also transfer the data to the memory card using a card reader.

Note:

The order and number of categories of POIs must always remain the same within a list:



Step 4 – Copying POI lists to memory cards (TravelPilot 100 and TravelPilot 200 only)

- ➡ Create a folder on the memory card and name it "ownPOIs".
The device uses only POI lists stored in this folder.
- ➡ Create a subfolder in the "ownPOIs" folder and name it "Hints".
Copy the POI lists into this folder to which you want to be directed during the navigation.
- ➡ Next, copy the desired POI lists (including POI icons) to the memory card and into the folder "ownPOIs" or "Hints".

```

ownPOIs
├── GB_Leisure_Golf.asc
├── GB_Leisure_Golf.bmp
├── GB_Leisure_GeoCaching.asc
├── GB_Leisure_GeoCaching.bmp
└── Hints
    ├── GB_ElectronicDealer_Blaupunkt.asc
    └── GB_ElectronicDealer_Blaupunkt.bmp
  
```

Step 5 – Copying POI lists (TravelPilot 300 only)

The device must be connected with your computer using a USB cable.

- ➡ Create a "ownPOIs" folder in the memory of the device.
The device uses only POI lists stored in this folder.
- ➡ Create a subfolder in the "ownPOIs" folder and name it "Hints".
Copy the POI lists into this folder to which you want to be directed during the navigation.
- ➡ Next, copy the desired POI lists (including POI icons) to the folder "ownPOIs" or "Hints". 📌

```

ownPOIs
├── GB_Leisure_Golf.asc
├── GB_Leisure_Golf.bmp
├── GB_Leisure_GeoCaching.asc
├── GB_Leisure_GeoCaching.bmp
└── Hints
    ├── GB_ElectronicDealer_Blaupunkt.asc
    └── GB_ElectronicDealer_Blaupunkt.bmp
  
```

Country:		Phone:	Fax:
Germany	(D)	0180-5000225	05121-49 4002
Austria	(A)	01-610 39 0	01-610 39 391
Belgium	(B)	02-525 5444	02-525 5263
Denmark	(DK)	44-898 360	44-898 644
Finland	(FIN)	09-435 991	09-435 99236
France	(F)	01-4010 7007	01-4010 7320
Great Britain	(GB)	01-89583 8880	01-89583 8394
Greece	(GR)	210 94 27 337	210 94 12 711
Ireland	(IRL)	01-46 66 700	01-46 66 706
Italy	(I)	02-369 62331	02-369 62464
Luxembourg	(L)	40 4078	40 2085
Netherlands	(NL)	00 31 24 35 91 338	00 31 24 35 91 336
Norway	(N)	+47 64 87 89 60	+47 64 87 89 02
Portugal	(P)	2185 00144	2185 00165
Spain	(E)	902 52 77 70	91 410 4078
Sweden	(S)	08-7501850	08-7501810
Switzerland	(CH)	01-8471644	01-8471650
Czech. Rep.	(CZ)	02-6130 0446	02-6130 0514
Hungary	(H)	76 511 803	76 511 809
Poland	(PL)	0800-118922	022-8771260
Turkey	(TR)	0212-335 07 23	0212-346 00 40

<http://www.blaupunkt.com>

© 2008 All rights reserved by Blaupunkt. This material may be reproduced, copied or distributed for personal use only.

This product is protected by certain intellectual property rights of Microsoft. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft.

Blaupunkt GmbH,
Robert-Bosch-Straße 200, D-31139 Hildesheim
04/08 CM-AS/SCS1 (GB) 8 622 406 032

