

Notes on these Operating Instructions

We have structured these Operating Instructions for the installation so that you will be able to look up the necessary subject-related information by means of the Contents List at any time.

Note
You will find comprehensive Operating Instructions for navigation on the DVD and online.

Read the section "Frequently Asked Questions" to obtain answers to questions that are often addressed to our customer service.

Document Your Navigation Unit

It is important to document the details of your Navigation Unit purchase in the event you need warranty service. The serial number can be found on the back of the device:

Serial Number
Password
Information note
SuperPIN
UUID
Date of Purchase
Place of Purchase

Take the serial number from the type plate on the back or the underside of your device. Also transfer the number into your guarantee documents, if necessary.
You will enter the password and the information note by means of the Security Function. You will receive the SuperPIN and the UUID after the activation of the Security Function. See Page 17.

Quality

In selecting the components we have aimed for a high level of functionality, simple handling, safety and reliability. A well-balanced hardware and software design allows us to offer you a technologically advanced navigation system that will give great satisfaction in both work and leisure use.

Service

Our individual customer care is there to support you when you have questions or problems. Please get in touch – we look forward to helping you. This manual contains a special section on Customer Service starting on page 42.

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Safety and Maintenance

Safety Instructions

Please read this section carefully and follow all the instructions given. This will help ensure reliable operation and extend the service life for your appliance.

Keep the packaging and the user instructions for future reference or inquiries at a later date. If you pass the article on to another person, you must pass on these instructions.

- Never allow children to play with electrical equipment unsupervised.
- Keep the packing materials, such as foil away from children as there is a danger of suffocation.
- Never open up the housing of the appliance or the power adapter. These contain no user-serviceable parts. If the housing is opened there is a danger of electric shock.
- Do not place any objects on the appliance and do not exert any pressure on the display. Otherwise there is a danger that the screen will break.
- To avoid damage, do not touch the screen with sharp objects. Use only the stylus provided, a finger or another blunt implement.
- There is a risk of injury if the display breaks. If this should occur, use protective gloves to pack the broken parts and contact customer support to arrange for disposal. Then wash your hands with soap, since there is a possibility that chemicals may have escaped.

Remove the power adapter from the outlet, switch the appliance off immediately, or do not switch it on, and contact Customer Service...

- if the housing of the appliance or the power pack becomes damaged or fluids leak into it. Components must be checked by Customer Service in order to avoid damage!

Data Security

- Every time you update your data make backup copies on an external storage medium. The supplier does not assume liability for data loss or damage to data storage units, and no claims can be accepted for damages resulting from the loss of data or for consequential damages.

Operating Environment

Failure to follow these instructions may lead to damage to your appliance. The guarantee will be excluded in such cases.

- Keep your navigation System and all connected devices away from moisture and avoid dust, heat and direct sunlight, especially in the car.
- Make sure you protect your appliance from getting wet, e.g. from rain and hail, at all times. Please pay attention that moisture can even build up in a protective pouch because of condensation.
- Avoid heavy vibrations and shaking, such as can arise, for example, in the case of transverse field intrusions.
- Install the device as vertically as possible to prevent the device from releasing itself from its holder.

Repair

- Please contact our Service Center if you encounter technical problems with your appliance.
- In the event repair becomes necessary, please use only our authorized Service Partners. You will find the address on the back of your guarantee card.

Ambient temperature

- The appliance is most reliably operated at an ambient temperature of between +32°F and +95°F (0° C and 35° C) and at a relative humidity of between 10% and 90% (non-condensing).
- In the powered down state the appliance can be stored at between -4°F and +140°F (-20° C + bis 60° C).
- Store the appliance in a safe location to avoid high temperatures (e.g. when parking or from direct sunlight).

Electromagnetic Compatibility

- When connecting additional or other components the “Electromagnetic Compatibility Directive” (EMC) must be adhered to. Please also note that only screened cable (maximum 10ft) should be used with this appliance.
- For optimal performance, maintain a distance of at least 10 ft. from sources of high-frequency and magnetic interference (televisions, loudspeaker systems, mobile telephones etc. This will help avoid malfunctions and loss of data.
- Electronic devices emit electromagnetic waves during operation. These emissions are harmless, but can interfere with other devices operated in close proximity.

While our devices are tested and optimized for electromagnetic compliance in our laboratories, interference during operation may still occur in the device itself and with other devices in its proximity.

Should such interference occur, try to eliminate it by adjusting the positions of and the distances between the devices.

Before driving a car, please ensure that the electronic systems of the car are working properly.

Connection

When connecting your appliance be sure to correctly observe the following instructions:

Power supply through Car Adapter

- The car adapter should only be connected to the lighter socket of a car (car battery = DC 12V_{DC}, truck battery = DC 24V_{DC}!). If you are in any doubt about the power source in your car, contact your car manufacturer.

Cabling

- Arrange cables so that no-one can tread on them or trip over them.
- Do not place any items on the cable.

Battery Operation

Your appliance is operated with a removable battery. In order to prolong the life and efficiency of your battery and to ensure safe operation, follow the instructions below:

- Batteries cannot withstand heat. Avoid overheating of the appliance and the integrated battery. Failure to comply with this instruction may lead to damage to and even explosion of the battery.
- Use only the original power pack (optional) to charge the battery or the car adapter from the optional navigation kit.
-  The batteries are special category waste. When disposing of the appliance ensure that this is done correctly. Contact Customer Service for more details.

Maintenance

Warning

There are no user-serviceable or cleanable parts inside the housing of the appliance.

You can prolong the life of the appliance by taking the following simple steps:

- Always remove the power plug and all connecting cables before cleaning.
- Clean the appliance only with a damp, lint-free cloth.
- Do not use solvents, caustic or gaseous cleaners .
- The device and its packaging are recyclable.

Care of the Display

- Avoid scratching the display surface as this is easily damaged. It is strongly recommended to use a display protection mylar to avoid scratches. Please ask your nearest dealer for this accessory.
The foil on the display at delivery is purely for protection during transportation!
- Ensure that no traces of water remain on the screen. Water can cause irreversible discoloration.
- Use only a soft, lint-free cloth to clean the screen.
- Do not expose the screen to either strong sunlight or ultraviolet radiation.

Recycling and Disposal



Device ██████

At the end of its life, the appliance must not be disposed of in household rubbish. Enquire about the options for environmentally-friendly disposal with your local waste disposal company.



Packaging

To avoid damage during transport, the PC is stored in a packaging. Packaging is produced mostly from materials which can be disposed of in an environmentally friendly manner and be professionally recycled.

Transport

If you wish to transport the appliance follow the instructions below:

- Following transport of the appliance wait until the unit has acclimatized before using it.
- In the case of wide fluctuations in temperature or humidity condensation or moisture may form inside the appliance and this can cause an electrical short-circuit.
- In order to protect the appliance from dirt, knocks and scratching, use either the protective case.
- Before travelling ensure that you are aware of the power and communications provision at your destination. Before travelling obtain any power or communications adapters that may be needed.
- When shipping your appliance use only the original packaging and advise the carrier accordingly.
- When passing through the hand luggage control at airports, it is recommended that you pass the appliance and all magnetic storage media (external hard drives) through the X-ray system (the machine on which you place your bags). Avoid the magnetic detector (the structure through which you yourself pass) or the magnetic wand (the hand device that the security staff use), since this may corrupt your data.

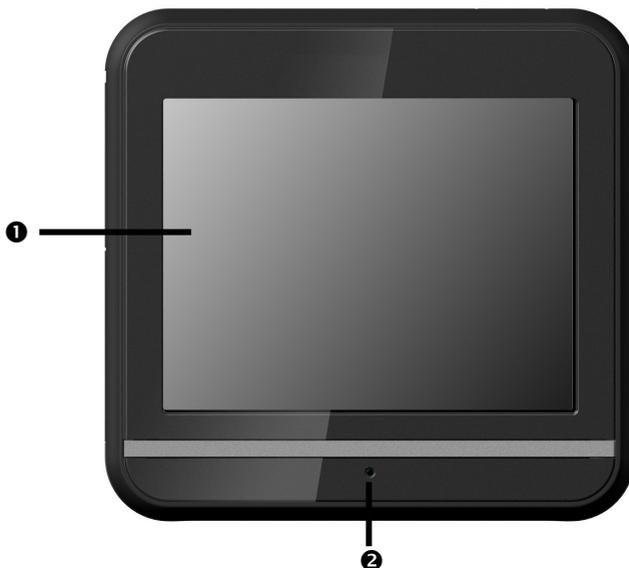
Supplied Items

Please check the integrity and completeness of the supplied items and, if it is not complete, forward us any possible claims within 14 days from the purchase date. The purchase package includes:

- Navigation system
- Power cable for cigarette lighter
- USB cable
- TMC dipole antenna
- Car holder
- DVD with navigation software, digital maps, ActiveSync[®], data for rapidly resetting the contents of the memory card/internal memory
- Instruction manual and warranty card

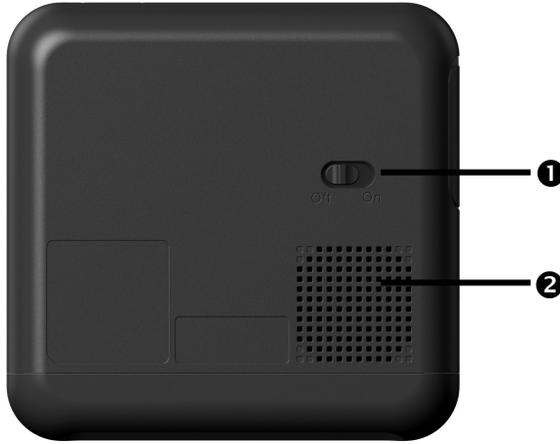
Views

Front Components



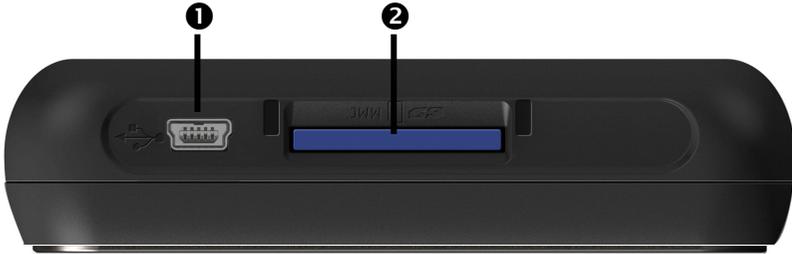
Ref	Component	Description
❶	Touch Screen	Displays the output of your appliance. Tap on the screen with the stylus (will be found in the holder, see page 27) to select menu commands or enter data.
❷	Battery charge indicator	The loading display will flash orange during the charging process. It will shine green when the accumulator is completely charged. Attention: The integrated battery is also charged if the appliance is completely turned off by means of the main switch!

Back Components



Ref	Component	Description
①	Main switch	Switches the device completely off (Hard Reset).
②	Loudspeaker	Plays back language statements and warnings.

Bottom Components



Ref	Component	Description
①	Mini-USB-Connector	Connection for connecting to a PC by means of a USB cable (for data matching) as well as connection to external power supply.
②	SD/MMC Slot	Accepts an optional SD (Secure Digital) or MMC (MultiMediaCard) card for removable storage.

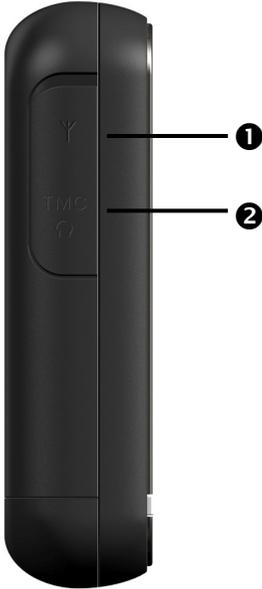
Top Components



Ref	Component	Description
1	On/Off switch	Switches the device on or off (standby mode).

Left Components

with closed cover



with open cover



Ref	Component	Description
❶	External aerial connection	Connection for an optional second aerial.
❷	Earphone connector	Connects to a pair of stereo headphones (3.5 mm). <div style="display: flex; align-items: center; margin-top: 10px;">  <div style="margin-left: 10px;"> <p>Using this appliance at full volume for extended periods of time may cause damage to the hearing capacity of the listener.</p> <p>You also have the possibility to connect a TMC dipole antenna.</p> </div> </div>

Initial Set up

The following guides you step by step through the initial Set-up of the navigation system. Firstly, remove the foil from the display.

I. Charging the Battery

You have the following possibilities to charge the battery of your navigation system:

- by means of the car adapter,
- by means of the USB cable

Attention!

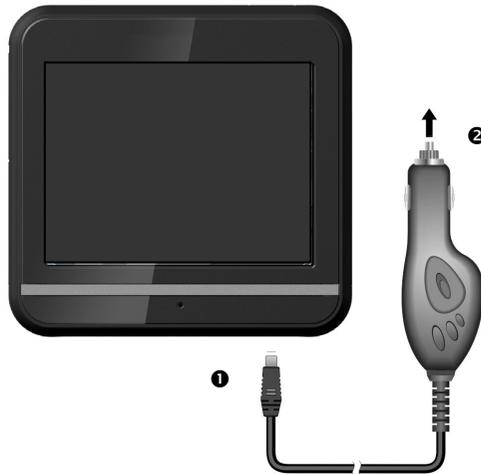
It can be necessary to recharge the battery for some time initially before it is possible to run through the initial installation, according to the state of charging of the battery installed.

Please pay attention to the following notes when handling the battery:

- The charging status display flashes **orange** until the navigation system is charged. If possible, do not interrupt the charging process before the battery is fully charged. This may take a few hours. The navigation system is fully charged if the charging display lights **green**.
- You can use the navigation system during the charging process, but the power supply must not be interrupted during initial set-up.
- Leave the external power supply connected to the navigation system for around 24 hours, so that the backup battery also charges-up fully.
- You can leave the external power supply connected, and this is very handy for continuous operation. However, the mains adapter (optional) also requires power even when it is not charging up the battery of the navigation system.
- It can take several minutes until the device is ready to operate again, following the connection of the external power supply, if the charging state of the battery is very low.
- The battery can be charged while the device is switched off completely.

II. Power Supply

Car Adapter



(similar picture)

1. Plug the jack (❶) of the connection cable into the corresponding receptor at the bottom of your navigation system.
2. Insert the power adapter (❷) into the cigarette lighter socket and ensure, that it will not lose contact while driving. This could cause a malfunction.

Alternative possibility of charging the battery

The battery will charge as soon as you connect your navigation device to a switched-on PC or notebook by means of a USB cable (optional). No type of software or drivers installation will be necessary for this. Do not interrupt the charging process if possible during the initial bringing into operation.

III. Switching on the Device

Switch the main switch to **ON**.

Attention!

Always leave the main switch in the ON position, unless you want to carry out a new installation. If the main switch is in the OFF position, all data will be deleted in the temporary memory.

The Navigation System will start the initial installation automatically. The brand logo will appear and your device will display the application screen after a few seconds.

Button	Description	Main Screen
	Navigation, page 24	
	Travelguide, page 35	
	AlarmClock, page 36	
	Picture Viewer, page 32	
	Settings	

Note

Brief pressure on the **on/off button** will be enough to switch the device on or off, provided that your navigation system is connected to an external source of electricity or is running in battery operation (standby mode).

You can adjust the period of operation to suit your needs using the **Settings** button on the main screen of your device. Your device is delivered in a status in which it will not switch off independently.

To switch your navigation system completely off, push the on/off button at the bottom of the device to the **OFF** position.

No data will be lost during this because of the storage of data in the internal memory. The starting process will only last slightly longer.

Your navigation system will use a low amount of electricity and the batteries will be discharged, even when it is in the standby mode.

IV. Installing the Navigation Software

The final installation of the navigation software will take place automatically from the internal memory, during the initial setting up, if your device has already been equipped with the basic data of the navigation software at the factory. Follow the instructions on the screen.

An optional memory card must always have to be inserted in the device while the navigation system is being used.

It will be necessary to carry out a Reset to restart the navigation system if the memory card has been removed (see page 22).

Please also read the chapter **Navigation** starting on page 24.

General Operating Instructions

Switching on/off the device

Your device will be in its normal operating state after the initial setting up. You can activate and deactivate your device with the On-/Off switch.

1. To start your navigation system press briefly the On-/Off switch .

Note

Your device is delivered in a status in which it will not switch off independently. You can adjust the period of operation to suit your needs using the **Settings** button on the main screen of your device.

Your navigation system will use a low amount of electricity and the batteries will be discharged, even when it is in the standby mode.

2. To switch off your navigation system press briefly the On-/Off switch . The following screen will appear:



You have three possible choices now here:

Button Description



Cancel/Back

Return to previous view with this key, if you have accidentally called up this screen.



Standby Mode

The device will go into Standby Mode if this key is clicked.



Reset

You will carry out a Reset by clicking this key.

The device will go into the Standby mode automatically after a few seconds if you do not want to select any of these three possibilities.

For further settings within the Standby mode also see chapter Special CleanUp Function, page 43, point 8.

This display will also appear after the delay period of a few seconds has expired, if you have activated the DC AutoSuspend Comfort Function.

Security

You have the possibility of protecting your device against external access by means of this function. Some one-off settings will have to be made before you will be able to use this function. Proceed as follows to do this:

Storing the password and the information note

1. Go to the  settings by means of the main display.
2. Click on **Security**, in order to start the respective function. The following display will appear:



3. Click on the left interface, in order to enter a password.
4. Click on the first field. A keyboard will appear. Enter a password with it.

Note

The password must consist of at least 4 symbols. Use a combination of letters (A-Z and numbers (0-9) for it. Keep the password in a safe place.

5. Confirm the password with the  symbol after you have entered it.
6. Enter the password in the second field to reconfirm it and in order to avoid potential careless mistakes.

Note

The password will be displayed in the form of small stars (****).

7. An additional text field will appear after you have entered the password. Enter an information note here that will serve as a support for remembering your password. You will be able to call up this information if you have forgotten or mislaid the password.

Making settings

The following selection window, through which you will make the settings for the Security Function, will appear after you have entered the password and the information note successfully.



Button	Description
	Set here whether the device should interrogate the password after a hard reset.
	Set here whether the device should interrogate the password after a restart.
	Set here whether the device should interrogate the password after the device has been switched on from the Standby mode.
	Switch off the password interrogation temporarily for all eventualities (hard reset, restart or standby) by means of the icon. The interfaces will be faded out and the icon next to it will appear.
	Confirm the settings made here.

SuperPIN and UUID

The SuperPIN and the UUID (Universally Unique IDentifier = definite device identification) will appear on the display after you have made the settings.



Note

Record this data in your Operating Instructions (see Page 1) and keep them in a safe place.

You will need this information if you have entered the password incorrectly 3 times. The navigation device can then only be released with this information.

Saves changes in the security function

You will be asked whether you would like to store the changes in the Security Function after you have noted and confirmed the SuperPIN and the UUID.

- Save your changes with  .
- All the settings made will be rejected with the  symbol and the **Security Settings** display will appear.

Making subsequent settings

Start the Security Function if you have already entered a password and would like to make a subsequent setting or to change the password. The following display will appear:



1. Click on the right field to make changes.
2. Enter the current password. Click on the question symbol if you have forgotten the password. The information note entered by you will appear .
3. The following display will appear if you have entered the password successfully



Button	Description
	Leave Security Function
	Making settings (see page 18)
	Enter password (see page 21)
	Enter information note (see page 21)
	Show SuperPIN and UUID (see page 19)

Password interrogation

A password interrogation will appear at the restarting of the device, according to the setting, if you have established a password by means of the Security Function.



1. Enter the password stored by you by means of the keyboard.

Note

The password will be displayed in the form of small stars (****).

2. Click on the question symbol to have the information note displayed, if you have forgotten the password and need the Help setting.
3. Click on the tick to confirm the entry.

Note

You will have to enter the SuperPIN if you have entered the password incorrectly 3 times. Contact your Service Center, giving the UUID, if you have also mislaid it. The UUID will be faded out in the lower display.

Resetting the Navigation System

You will have the possibility of resetting your navigation system if it is no longer reacting or working properly.

This option restarts the navigation system, without reinstallation being necessary. A reset is often used in order to reorganize the memory. In doing so all programs that are running are interrupted and the working memory is reinitialized.

You will have the possibility of carrying out two different Reset procedures with your device.

Reset

The following screen will appear if you press the On/Off switch for a short time:



If you want to carry out a Reset, tap on .

You will find further information in chapter **Fehler! Verweisquelle konnte nicht gefunden werden.**, page 15.

Switching the Device off Completely / Hard Reset

Attention!

A hard reset will delete all data in the temporary memory.

Your navigation system will normally be in the Standby Mode, if you have switched it off by pressing the on/off button briefly. In addition, the system can be switched off completely; the consumption of energy can be kept as low as possible through this. All the data in the temporary memory will be lost if the device is switched off completely (hard reset).

Switch your navigation system off completely in this way:

1. Push the **Main switch** to the position **OFF** to switch the device off.
2. Push the **Main switch** to the position **ON** again to carry out the Hard Reset.

A reinstallation will be necessary after a hard reset if your device has already been equipped with the basic data of the navigation software in the permanent memory at the factory.

Navigation

Safety Instructions for Navigation

The bundled product DVD contains a comprehensive instruction manual.

General Instructions

- Do not manipulate the navigation system while driving to protect yourself and others from accidents!
- In the event that you do not understand the voice instruction or if you are in any doubt about what to do at the next intersection, then the map or arrow display will provide you with a quick orientation. Only look at the display when you are in a safe driving situation!

Legal remark

The use of devices that warn for traffic monitoring systems (like „speed traps“) is prohibited in some countries, like Austria, Germany, Ireland and Switzerland. Please obtain information about the legal situation and apply the warning function only where allowed. We cannot be held liable for damages caused by the use of the warning function.

Attention!

The road layout and driving rules take precedence over the instructions of the navigation system. Only follow the instructions when circumstances and driving rules permit it! The navigation system will guide you to your destination even when you have to deviate from your planned route.

- The direction statements of the navigation system given do not release the driver of the vehicle from his or her duty of care or personal responsibility.
- Plan routes before you leave. If you want to plan a new route whilst on the road pull over and stop driving.
- In order to receive the GPS signal correctly, keep away from metal objects as they may hinder reception. Attach the navigation system onto the inside of the windscreen or near the windscreen with the suction cup. Try out different positions in your vehicle in order to find the best reception.

Notes for Use in a Vehicle

- Take care that the holder does not present any risk to safety, even in the case of an accident, when installing it.
- Take care that the cable does not impede any safety components.
- The display of your navigation system may show “light reflections”. Please take care of not being “blinded” during operation.
- Do not mount the components within the operating range of any airbags.
- Check the secure adherence of the suction cup at regular intervals.
- The power plug will consume power, even if no device is connected. Remove it when not in use to avoid draining the car battery.
- Check all safety equipment in your car after installation.

Note

Do not leave your navigation software in the vehicle when you leave it. You should also uninstall the holder for security reasons.

Additional Notes for Use on a Bicycle or a Motorcycle

- Pay attention during installation that the ability to steer is not impaired.
- Do not cover any instruments during installation.

Aerial Orientation

The aerial must have unrestricted access to the sky to receive GPS satellite signals. Orient the aerial as horizontally as possible for this reason. Try out aerial and installation possibilities in the vehicle in the case of inadequate reception. It may be necessary to install an external GPS antenna (see page 48) under certain circumstances.

I. Mounting the Car Holder

Attention!

Only fix the holder for the navigation system to the windscreen, if it does not impede the view. Should this not be possible, then mount the holder with the enclosed suction plate in any way that will allow peril-free and safe operation.



(similar picture)

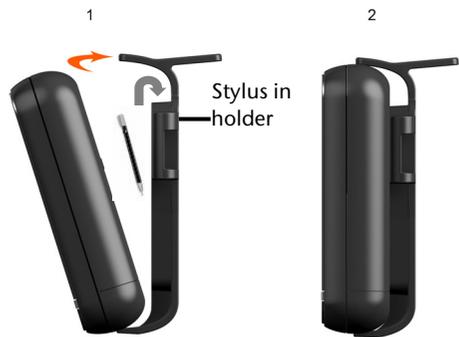
Note

Clean the disk thoroughly with a glass cleaner. Warm the disk and the nipple slightly at temperatures below 15° C.

Place the holder with the suction head directly onto the wind screen and press the lever on the suction head downwards. The sucker will attach itself to the background firmly.

II. Attaching the Navigation System

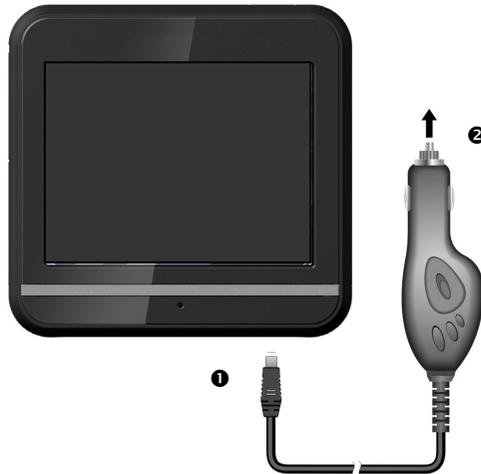
1. Connect the car adapter (see page 12) and, if necessary, the TMC aerial and the external GPS aerial, to your navigation system and insert the memory card.
2. Place the device below in the centre of the holder.
3. Press it gently **backwards** until it engages audibly.



(similar picture)

4. Place the holder on the fixing catches of the car holder.
5. Now, push the unit **downwards** until it engages audibly.
6. Now you will be able to place the complete unit on the cleaned windscreen or the suction plate.

III. Connecting the Car Adapter



(similar picture)

1. Plug the jack (❶) of the connection cable into the corresponding receptor at the bottom of your navigation system (p. 8).
2. Insert the power adapter (❷) into the cigarette lighter socket and ensure, that it will not lose contact while driving. This could cause a malfunction.

Note

Remove the power adapter from the cigarette lighter socket when ending a trip or when parking the car for a extended period of time. Otherwise the car battery could be drained. In this case use the power switch to turn off the navigation system.

IV. Starting the Navigation Software

Note

Your memory card will always have to be inserted into the device during the use of the navigation system, if the card contains (additional) mapping material.

It will be necessary to carry out a reset to restart the navigation system if the memory card has been removed while the system was being used (see page 22). According to the navigation system the reset is carried out automatically.

1. Switch on your navigation system.
2. The Navigation software will start automatically or after tapping on the navigation control button on the main screen, according to the version.
3. Tap on **Navigation** on the screen for entering the destination and enter the address of your navigation destination. Confirm your entry by clicking the ✓ symbol to start the navigation. You will receive the route information on the screen, augmented by language statements, after a short time, if the satellite reception is adequate.

Further information regarding the navigation software can be found in the **comprehensive manual on your navigation DVD**. This is a pdf-file you can read and print with the any Acrobat Reader.

Note

The GPS-receiver will require some minutes for initialization when deployed for the first time. Even when GPS signal reception is indicated the navigation could be imprecise. In all future instances it will take about 30-60 seconds until a correct GPS-signal is available, sufficient "sight" of the satellite is a prerequisite.

Warning function for traffic monitoring points

The following display will appear if the warning function for traffic monitoring points (optional) has been installed:

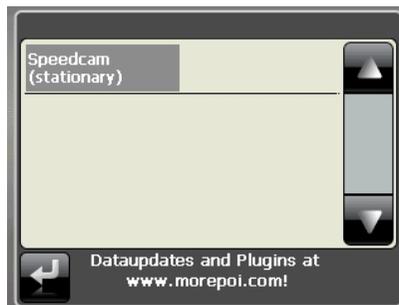


Confirm with , if you want to use navigation with the warning function for traffic monitoring points.

Click on the **Configure special destinations** interface in the **Settings** Menu, in order to configure the warning function.



The following screen appears:



Click on **(Radars) fixes** here, in order to make the settings for the 'radar fixes':



Here, you have the option of having the traffic monitoring points represented on a map or faded out. You can also set whether you would like to be informed by acoustic signals before reaching a traffic monitoring point here.

Acoustic information about a traffic monitoring point will be given by a warning sound approx. 15 seconds before it is reached. Then, another double warning sound will be given approx. 7 seconds before it is reached. Four warning sounds will give information that the speed is too high. In addition, the distance to a monitoring point will be indicated by a bar indicating closeness (left lower edge of the display).

Sample view if map presentation has been activated:



Note

Please pay attention to the fact that traffic monitoring points are not present in all countries.

* Legal remark

The use of devices that warn for traffic monitoring systems (like „speed traps”) is prohibited in some countries, like Austria, Germany, Ireland and Switzerland. Please obtain information about the legal situation and apply the warning function only where allowed. We cannot be held liable for damages caused by the use of the warning function.

Picture Viewer

Your navigation system is equipped with a **Picture Viewer**.

You can view the jpg format images on your memory card on your navigation system, with the **Picture Viewer**. All the images on the memory card will be available immediately.

Operating the Picture Viewer

Start the **Picture Viewer** from the main screen by tapping on the '**Picture Viewer**' switch area. Alternatively, the Picture Viewer can also be started from the navigation software itself.

Main Screen



Fig.: Miniature view

Move the miniature view to the left or to the right with the **arrow keys**. Tap on a specific images to display it in the Full Image Mode.

Return to the start in miniature view by tapping on .

You can end the application by tapping on the  symbol.

Start the **slide show** by tapping the  symbol.

Full Image View



Fig.: Full image view without service strip

Tap in the **lower** area of the screen in the full image view, in order to activate the **service strip**:

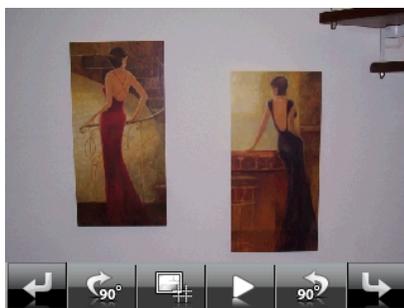


Fig.: Full image view with service strip

Button Description



Previous picture



Turn it clockwise by 90°
in stages



Fade in grid



Start the slide show



Pause the slide show



Turn it counter-clockwise by 90°
in stages



Next picture

You will return to the miniature view by tapping in the centre of the image.

The image displayed will be subdivided into 6 fields by tapping on the  symbol (fade in grid).

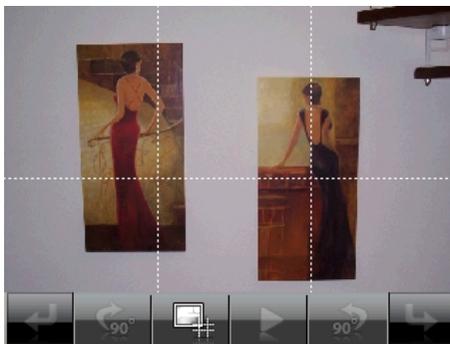


Fig.: Full image mode with grid

Tap on a square in the grid to zoom in on that area of the picture:

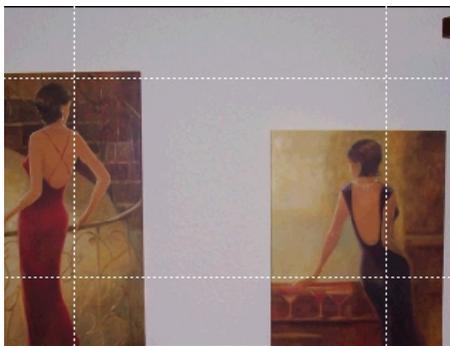


Fig.: Zoom-in Mode

Tap on the centre of the image to go back to viewing the full picture.

Travelguide

Your navigation system is equipped with a **Travelguide**.

The Travelguide will supply general information about the different areas of individual towns and cities or regions in Europe, such as sights, restaurants, culture and travel information.

Start the **Travelguide** from the main screen by tapping the '**Travelguide**' switch areas. Alternatively, the **Travelguide** can also be started from the navigation software itself.

Select the **country** initially, then the **town** or **city** (or the **region**). Then, select the category.



Abb. 1



Abb. 2



Abb. 3

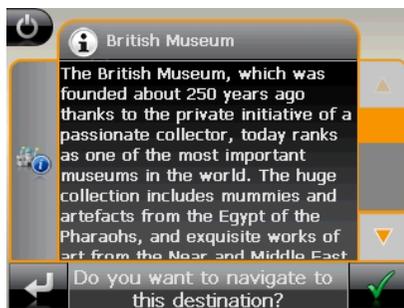


Abb. 4

Confirm with , if you want to navigate to the destination displayed. The address will then be available to the navigation software as the destination.

AlarmClock (Wake up function)

Your navigation system is equipped with an **AlarmClock/waking function**.

Start this function from the main screen by tapping on the '**AlarmClock**' button.

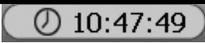
The waking function can work both as a normal when the device is switched off (Standby Mode / Power Saving Mode) and as a reminder during the current navigation.

Overview of the main screen



This view will appear if you have not yet set up a waking time. Enter an alarm time in the **24-hour format** and confirm your entry with .

Description of the Interfaces

Button	Description
	Current system time
	Setting-up mode (Setting volumes, system time and alarm)
	Night mode (Standby mode)
	Reset/deactivate the waking function
	Setting the alarm time
	Delete the entry
	Confirmation interface
	Reduce the volume
	Increase the volume
	Back to the previous menu
	Close the application

Setting the System Time

The display of the current time will be located in the upper right corner of the screen. You can adjust it as follows:

1. Tap on  in the main screen. The following screen will appear:



2. Tap on  to change the time setting.

Note

The system time is updated by GPS reception. Pay attention to the correct time zone setting during it.

Selecting an Alarm Signal

1. To select an alarm signal touch the  symbol.



2. Select the desired alarm sound and confirm the selection with .
3. The selected alarm signal is marked by a .
4. Close the application with .

Setting the Volume

You can adjust the volume of the alarm signal by tapping on the  interface.

Note

The volume configured here only relates to the alarm signal and will not change the volume of the language output of the navigation system or other functions of the system.



Snooze Function

You will have the possibility of making the waking signal repeat **at regular intervals** by means of the Snooze function, once it has sounded at the alarm time set.

1. Tap on  to activate the Snooze function.



2. To be wakened again at the same time on the following day tap on the  button.
3. Bei Tap on  to return to the screen before the alarm signal started.

Ending the AlarmClock Application

1. Tap on  to deactivate the alarm time set.
2. You will find yourself in the Setting-up mode.
3. Tap on  in order to leave the application. An alarm time is not set.

FAQ

 Where can I find more information on the navigation system?

 Detailed operating instructions for navigation can be found on the corresponding DVD, which accompany your navigation system. Also use the additional Help functions that are available with a single touch of a button (usually F1 on the PC), or by selecting the Help option, as additional assistance. These aids will be provided to you while you are using the computer or the device.

 What do I need the accompanied DVD for?

 The DVD containS:

- the ActiveSync[®] program for balancing data between the navigation system and the PC.
- Additional programs (optional).
- This User manual in digital form.
- digital maps
- PC-application for rapidly resetting the data material
- Manual of the navigation software

 The navigation system is no longer responding. What should I do?

 Carry out a reset (see page 22).

 How can I adjust the lighting?

 Under Settings.

Customer Service

Faults and Possible Causes

The navigation system no longer reacts or is behaving atypically.

- Carry out a reset (see page 22).

The navigation system is recognized only as a guest by ActiveSync®.

- See information on page 47.

The GPS receiver cannot be initialized or found.

If a GPS signal continues not to be reported on the screen, in spite of the correct installation of the system, this can be caused by the following factors:

- Sufficient satellite reception is not possible.

Solution:

Change the position of your navigation system and ensure that unrestricted “sight” of the aerial is not impaired.

No language statements can be heard.

- Check the volume setting.

Additional Support

If the suggestions in the above section have not solved your problem, please contact our customer service hotline. However, before you contact your customer service hotline, please have the following information available:

- How is your navigation unit configured?
- What additional peripherals do you use?
- What messages, if any, appear on your screen?
- What software were you using when the error occurred?
- What steps have you already undertaken to solve the problem?
- If you have been given a customer number previously, please give this number to the technician.

Appendix

Special CleanUp Function

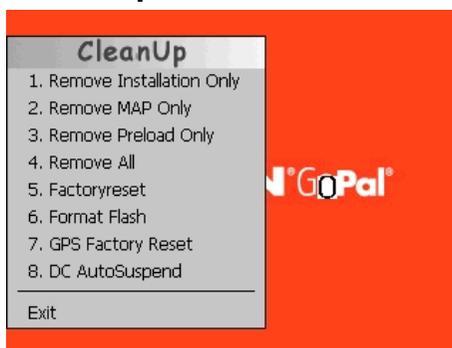
The CleanUp function serves the targeted deletion of data, without using a PC.

Note

Please use this function very carefully, because it is possible for data to be deleted that can only be entered again manually afterwards.

The CleanUp function is activated when the 'o' is pressed in the Gopal lettering of the Main Menu, immediately after the start tone following a reset.

The CleanUp function offers 8 options:



1. Remove Installation Only

Removes the software installed from the **'My Flash Disk'** memory [= part of the permanent memory in which the executable parts of the navigation software will be located following the initial alignment (\My Flash Disk\Navigation)].

2. Remove MAP Only

Removes the digital maps from the **'My Flash Disk'** memory (\My Flash Disk\MapRegions).

3. Remove Preload Only

Removes the data needed for the installation of the navigation software from the permanent memory (\My Flash Disk\Install).

4. Remove All

Deletes the whole contents of the **'My Flash Disk'** memory. It will not be necessary to recalibrate the screen after this function has been carried out.

5. Factoryreset

Sets the device back to the delivery status in the case of an intact main installation.

6. Format Flash

Formats the internal **'My Flash Disk'** memory. This formatting can be necessary in the case of a prolonged removal of errors. It will be necessary to recalibrate the screen after the formatting function has been carried out. All data will be deleted from the internal **'My Flash Disk'** memory irrevocably.

7. Reset GPS

Performs a factory reset of the GPS receiver. When using the GPS function after having performed a factory reset, the GPS receiver must orientate itself again. This process may take a while.

8. DC AutoSuspend

You can select here when your navigation system should go into Standby mode automatically after the withdrawal of the external power supply. For example, this function is useful in the case of vehicles where the cigarette lighter also switches off when the ignition is switched off.

The AutoSuspend function will be activated several seconds after the discontinuation of the external power supply and the Standby display will appear for the time set (see Page 15).

The DC AutoSuspend function will be deactivated again if the power has been reconnected within the total period (in the case that the engine has been switched off for a short time, for example). Otherwise, the navigation system will go into the Standby mode after the expiry of the time set.

Set the required time by clicking on it and confirm your selection with OK.



Note

This function is deactivated and can be set individually in the status at delivery and after a hard reset (see Page 22).

Exit

Leaving the CleanUp function and restarting the device (like reset).

Note

The deletion of the data must be confirmed before the action actually takes place. To do this, press on YES. There will be a corresponding report if the data to be deleted is no longer available.

Please read the „**Transferring Installation Files and Map Material to the Internal Memory**“ chapter on Page 53, in order to recreate the files (installation files and map material) in the internal memory.

Synchronisation with the PC

I. Installing Microsoft® ActiveSync®

In order to transfer data between your PC and your navigation system you need the Microsoft® ActiveSync® program.

The cost of the navigation system includes a license for this program which can be found on the DVD.

Hinweis

You will not need the ActiveSync® communications software, if you are a user of the Windows Vista® operating system. The system files necessary for the simple data transfer are already integrated into your Vista® operating system.

Procedure for Vista users:

Please connect your device to your PC with the help of the USB synchronization cable. The necessary drivers will be installed automatically, after the new device has been found. Your new device will be listed under the 'Portable Devices' point in the Windows Explorer overview, following a successful installation.

Attention!

Important files can be overwritten or changed during the installation of software. You should create a hard disk backup, in order to be able to have access to the original files in the case of possible problems following the installation.

You must have administrator rights to install the software under Windows® 2000 or XP.

Important

You should not connect the navigation system to your computer yet.

1. Insert the DVD and wait until the program starts automatically.

Note

If it does not function, the Auto Run function is probably deactivated. The Setup program on the DVD must be started, to start installation manually.

2. Choose the language, click then **Install ActiveSync®** and follow the instructions on the screen.

Note

When installing the GoPal Assistant, ActiveSync® will be installed automatically.

II. Connecting with the PC

1. Press the On/Off button to start your navigation system.
2. Connect the USB cable (**optional**) to your navigation system.
3. Push the USB connector into a free USB port on your computer.
4. The hardware installation assistant will recognize a new appliance and installs a suitable driver which can take some minutes. Repeat the device connection search if it fails the first time.
5. Follow the instructions on the screen. The program will now set up a partnership between your PC and the device.

Alternative possibility of charging the battery

The battery will charge as soon as you connect your navigation device to a switched-on PC or notebook by means of a USB cable (optional). No type of software or drivers installation will be necessary for this. Do not interrupt the charging process if possible during the initial bringing into operation.

III. Working with Microsoft® ActiveSync®

ActiveSync® will be started automatically if you connect your navigation system to the PC. The program will check whether the device is one with which a partnership has been entered. If this is the case, the changes that have taken place on the PC and on the navigation system since the last synchronisation will be compared and adjusted to each other. You will be able to define exactly which data will have priority during the synchronisation in the settings of the ActiveSync® Program. Call up the Help of the Program (with the F1 Button), in order to become familiar with the effects of the respective settings. A restricted **Guest Access**, with which you will be able to exchange data, for example, will become active automatically if the navigation system has not been recognised as a partner. If this is the case, although the process concerns the registered partner device, separate your navigation system from the PC and switch it off and on again. Now connect your navigation system to the PC, to restart the recognition process. Repeat the process and, restart your PC in addition, if your device continues to be recognised as a guest.

Note

Make sure that you always connect your navigation system to your PC with the same USB connection, otherwise your PC will allocate an additional ID and reinstall the device.

GPS (Global Positioning System)

GPS is a satellite-backed system for determining your position. With the help of 24 satellites revolving around the earth, it is possible to determine your position on earth with the accuracy of a few meters. The satellite signals are received by the antenna of the built-in GPS receiver, which must have a "line of sight" to at least 4 of these.

Note

When the line of sight (e.g. in tunnels, between houses, in woods or also in vehicles with metal-coated windows) it is not possible to determine the position. The satellite reception however automatically picks up again as soon as the obstacle has been passed and the line of sight is re-established. Moving slowly (e.g. slow walking) also limits the accuracy of the navigation.

The GPS receiver consumes additional power. This is especially of concern, when running on batteries. To conserve power do not turn on the GPS receiver unnecessarily. Also terminate the Navigation Software, if it is not needed or satellite reception is not possible for a longer period. However, you can also switch the device off by means of the On/Off switch in the case of a shorter interruption to your journey. Pressing the same switch again will activate a restart. The GPS receiver will also be reactivated at the same time, if navigation software is still active. Here, it can take a short time for the position to be updated again, according to the reception situation.

Note

Please note, that your appliance is preset to not shut down automatically after a few minutes without activity. You can change this preset in the Settings mode. If the GPS receiver has not been active for some hours, it must orientate itself again. This process may take a while.

External GPS antenna

This second optional GPS antenna makes it possible to receive the signals of satellites better (e. g. in the case of vehicles with a metallized windscreen).

1. The antenna should be pointing **upwards**.
2. Push the plug of the external GPS antenna into the opening provided for it.

TMC (Traffic Message Channel)

Traffic Message Channel (TMC) ist ein digitaler Radio-Datendienst, der ähnlich wie RDS funktioniert und zur Übertragung von Verkehrsstörungen an ein geeignetes Empfangsgerät verwendet wird.

Die Verkehrsinformationen werden ständig über FM übertragen.

Da das Signal ständig übertragen wird, ist der Benutzer weniger von den nur halbstündlich ausgestrahlten Verkehrshinweisen abhängig. Außerdem können wichtige Informationen, wie z.B. bei Geisterfahrern sofort weitergegeben werden.

Die Ausstrahlung ist für ganz Europa geplant und wird bereits in vielen Ländern von Radiosendern angeboten. Die Präzision der TMC Meldungen kann je nach Land stark schwanken.

TMCPRO

TMCPRO (a service of T-Systems Traffic GmbH) mainly uses an automatic system to record the traffic situation, while the normal TMC relies on information from the police, ADAC and reports of traffic jams. Sensors on autobahn bridges, strips of sensors set into the carriageway and a large number of vehicles equipped with 'Floating Car Data' technology quickly supply a precise and more current image of the traffic situation on German autobahns, including predictions of possibilities.

Your navigation system will support both services and is set for the reception of both of them in the status at delivery.

Connecting the TMC Dipole Aerial

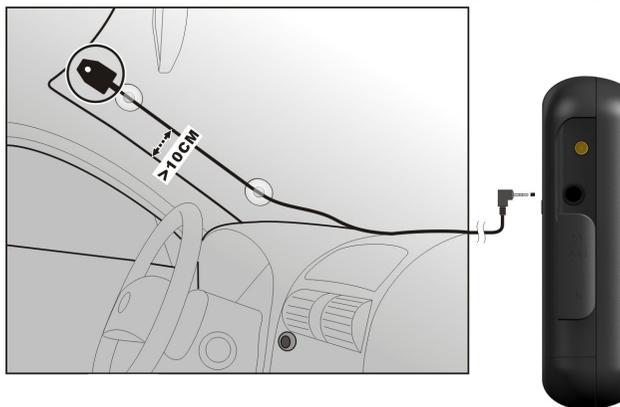
A TMC receiver is integrated into your navigation system, to receive traffic information. However, reception will only be guaranteed if the TMC angled aerial supplied with the device has been connected.

Plug the jack plug of the TMC angled aerial into **the earphones connection** of your navigation system.

Attach the aerial, on the edge or your windscreen, for example, with the help of the sucker.

Place the aerial so that a distance of approx. 10 cm from the metal frame of the screen is maintained.

TMC reception can be improved by different aerial positioning, according to the vehicle.



(similar pictures)

Your navigation system will now be able to receive traffic information through the TMC receiver and thus to avoid potential disruptions to traffic.

Working with Memory Cards

Your navigation system supports MMC and SD memory cards.

Inserting Memory Cards

1. Carefully take the **optional** memory card out of its packing (if included). Take care not to touch or dirty the contacts.
2. Insert the memory card carefully into the card bay with contacts pointing forward. The card must lock easily.

Removing Memory Cards

Note

Only remove the memory card if the navigation software has been closed and the device has been switched off by means of the On/Off button beforehand. Otherwise you will risk a loss of data.

1. To remove the card press lightly onto the upper edge until it ejects.
2. Pull the card out without touching the contacts.
3. Store the memory card in the packing or in another safe location.

Note

Memory cards are very fragile. Take care not to dirty the contacts and not to force the card.

Accessing Memory Cards

- The appliance only supports memory cards in the FAT16/32 file format. If you insert a card prepared with a different format (e.g. in cameras, MP3 players), your navigation system may not recognize it and will ask you to format it again.

Attention!

Formatting the memory card irretrievably wipes out all data.

Data Exchange via Card Reader

If you wish to copy large quantities of data (MP3 files, navigation maps) to the memory card, these can also be stored directly to the memory card.

Many computers already have memory card devices. Insert the card in this and copy the data directly to the card.

Because of the direct access you can achieve a much higher transfer rate compared to using ActiveSync®.

Additional Card Material

Your navigation system is already equipped with digitalized map material in the internal memory and/or memory card at the factory. Depending on the configuration, additional maps may be included on your navigation CDs/DVDs. You will be able to transfer these cards to a memory card immediately. Here, it is recommended to use an external card reader (see also page 52). The GoPal Assistant supplied with the device enables a simple and individual compilation of the map material to be transferred.

Depending on the amount of map data on the navigation CDs/DVDs, memory cards with capacities of 256 MB, 512 MB, 1.024 MB or more may be required.

You can obtain additional memory cards (MMC or SD cards) in specialist stores.

Transfer of card material to a memory card

The transfer of additional card material to a memory card can take place through the Explorer of your PCs. Proceed as follows:

1. Insert the CD/DVD with the card material required.
2. Start your workstation and select your CD/DVD Drive.
3. Copy the file with the **.psf** ending out of the Directory of the region that you require to the **MapRegions** Directory on your memory card, from the CD/DVD.

You can transfer several files with map material to your memory card, depending on the capacity of the memory card.

If you have copied digitized maps of several countries or country groups onto your memory card, you will be required to select the desired map in the navigation application of your device.

Alternative Installation of the Navigation Software from a Memory Card

The software for your navigation system can also be installed directly from a memory card. The pre-installed software may have to be uninstalled beforehand (see special CleanUp function, Page 43).

You will be requested to install the navigation software during the initial adjustment. Please proceed as follows:

1. Remove the memory card from the packaging carefully. Pay attention that the contacts are not touched or soiled.
2. Push the memory card into the SD-/MMC slot until it engages.
3. Click on **OK**, in order to install the application.

The main screen, through which you will now be able to carry out the navigation settings, will appear after all data has been copied to your navigation system.

Transferring Installation Files and Map Material to the Internal Memory

Note

The navigation system must be connected to a computer by means of ActiveSync® for the transfer of the data.

Your device has an internal, permanent memory, which is located in the **\My Flash Disk** directory.

You will be able to make this directory, and others, visible with ActiveSync®, by means of the **Search** option. Directories and files can be manipulated as in Windows Explorer.

The required directory must have been stored, in order to make the installation files and the map material for the device available.

Deposit the **INSTALL** directory for the installation files at (\My Flash Disk\INSTALL). Deposit the map material in the **MapRegions** directory (\My Flash Disk\MapRegions). Please pay attention to the modes of lettering given above when naming the directories.

Pay attention to the fact that sufficient drive capacity must be available, if you have stored additional data on your navigation device. Remove files not needed if sufficient drive capacity is not available.

Specifications

Parameter	Information	
Power supply Power supply cable for a cigarette lighter	UDID/L&K G12PCL-535-L031	
	Input	12-24V DC, 800mA / fuse 2A (T2AL/250V)
	Output	5V / 1A (max.)
Earphones	Stereo earphones (3.5 mm)	
Memory card type	MMC and SD	
Connector type of the external GPS receiver	MMCX	
USB interface	USB 1.1	
Dimensions	approx. 91.5 mm x 87.8 mm x 21.6 mm	
Weight incl. battery	approx. 140 g (without packaging)	
Temperatures	Operating	+32°F and +95 0° C - +35° C
	Storage	-4°F and +140°F -20° C - +60° C
Humidity (without condensation)	0 – 90 %	

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