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.

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 ..............................................................................
Date of Purchase ..........................................................................
Place of Purchase ..........................................................................

Take the serial number from the rating plate on the back or the underside of your device. Also transfer the number into your guarantee documents, if necessary.
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 69.

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Description of the Interfaces

Setting the System Time

Selecting an Alarm Signal

Setting the Volume

Snooze Function

Ending the AlarmClock Application

FAQ

Customer Service

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Appendix

Special CleanUp Function

Synchronisation with the PC

I. Installing Microsoft® ActiveSync®

II. Connecting with the PC

Alternative possibility of charging the battery

III. Working with Microsoft® ActiveSync®

GPS (Global Positioning System)

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</tr>
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</table>
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 device.

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 device 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 device 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 device off immediately, or do not switch it on, and contact Customer Service if the housing of the device 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 device. 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 device 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 device.
- In the event repair becomes necessary, please use only our authorized Service Partners. Call our toll free technical support line at 1 (866) 633-4660 to make arrangements.

Ambient temperature

- The device 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 device can be stored at between -4°F and +140°F (-20° C + bis 60° C).
- Store the device 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 device.

- 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 device 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, truck battery = DC 24V). 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 device 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 device and the integrated battery. Failure to comply with this instruction may lead to damage to and even explosion of the battery.
- Use only the car adapter to charge the battery.
- 🚫 The batteries are special category waste. When disposing of the device 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 device.

You can prolong the life of the device by taking the following simple steps:
- Always remove the power plug and all connecting cables before cleaning.
- Clean the device 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 device 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 device follow the instructions below:

- Following transport of the device 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 device and this can cause an electrical short-circuit.
• In order to protect the device 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 traveling obtain any power or communications adapters that may be needed.
• When shipping your device 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 device 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 Traffic Monitoring 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
Views

Front Components

1

2
<table>
<thead>
<tr>
<th>Ref</th>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Touch Screen</td>
<td>Displays the output of your device. Tap on the screen with the stylus (will be found in the holder, see page 39) to select menu commands or enter data.</td>
</tr>
<tr>
<td>2</td>
<td>Battery charge indicator</td>
<td>The indicator will flash <strong>orange</strong> during the charging process. It will shine <strong>green</strong> when the accumulator is completely charged.</td>
</tr>
<tr>
<td></td>
<td><strong>Attention:</strong></td>
<td>The integrated battery is also charged if the device is completely turned off by means of the main switch!</td>
</tr>
</tbody>
</table>
# Back Components

<table>
<thead>
<tr>
<th>Ref</th>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Main switch</td>
<td>Switches the device completely off (Hard Reset).</td>
</tr>
<tr>
<td>2</td>
<td>Loudspeaker</td>
<td>Plays back language statements and warnings.</td>
</tr>
</tbody>
</table>
### Bottom Components

<table>
<thead>
<tr>
<th>Ref</th>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mini-USB-Connector</td>
<td>Connection for connecting to a PC by means of a USB cable (for data uploading) as well as connection to external power supply.</td>
</tr>
<tr>
<td>2</td>
<td>SD/MMC Slot</td>
<td>Accepts an <strong>optional</strong> SD (Secure Digital) or MMC (MultiMediaCard) card for removable storage.</td>
</tr>
</tbody>
</table>
## Top Components

<table>
<thead>
<tr>
<th>Ref</th>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>On/Off switch</td>
<td>Switches the device on or off (standby mode).</td>
</tr>
</tbody>
</table>

Views 17
Left Components

with closed cover

with open cover

1

2

Views
<table>
<thead>
<tr>
<th>Ref</th>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>External antenna connection</td>
<td>Connection for an optional second antenna.</td>
</tr>
<tr>
<td>2</td>
<td>Earphone connector</td>
<td>Connects to a pair of stereo headphones (3.5 mm).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Using this device at full volume for extended periods of time may cause damage to the hearing capacity of the listener.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>You also have the possibility to connect a TMC Traffic Monitoring dipole antenna.</td>
</tr>
</tbody>
</table>
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 or
- 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 external power supply 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 (1) of the connection cable into the corresponding receptor at the bottom of your navigation system.

2. Insert the power adapter (2) 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. No type of software or drivers installation will be necessary for this. Do not interrupt the charging process if possible during the first use.
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 reinstallation. 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.
<table>
<thead>
<tr>
<th>Button</th>
<th>Description</th>
<th>Main Screen</th>
</tr>
</thead>
<tbody>
<tr>
<td>⬗️</td>
<td>Navigation, page 34</td>
<td></td>
</tr>
<tr>
<td>⏰</td>
<td>AlarmClock, page 58</td>
<td></td>
</tr>
<tr>
<td>🎵</td>
<td>MP3 Player, page 45</td>
<td></td>
</tr>
<tr>
<td>📸</td>
<td>Picture Viewer, page 51</td>
<td></td>
</tr>
<tr>
<td>🔒</td>
<td>Settings</td>
<td></td>
</tr>
</tbody>
</table>
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.

It will be necessary to carry out a Reset to restart the navigation system if the memory card has been removed (see page 31).

Please also read the chapter Navigation starting on page 34.
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 (standby mode):
You have three possible choices:

<table>
<thead>
<tr>
<th>Button Description</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cancel/Back</strong></td>
<td>Return to previous view with this key, if you have accidently called up this screen.</td>
</tr>
<tr>
<td><strong>Standby Mode</strong></td>
<td>The device will go into Standby Mode if this key is clicked.</td>
</tr>
<tr>
<td><strong>Reset</strong></td>
<td>You can carry out a reset by clicking this key.</td>
</tr>
</tbody>
</table>
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 the chapter on “Special CleanUp Function”, page 71, point 8. This display will also appear after the delay period of a few seconds has expired, if you have activated the DC Auto Suspend Comfort Function.
Resetting the navigation system

Choose this option if your navigation system is not responding or working properly. This option restarts the navigation system, without reinstallation being necessary. A soft-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 can carry 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:

![Reset Screen]

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

You will find further information in the chapter “Switching On/Off the Device”, page 28.
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).

To switch your navigation system off completely:
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!
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 windshield or near the windshield 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.
Antenna Orientation

The antenna must have unrestricted access to the sky to receive GPS satellite signals. Orient the antenna as horizontally as possible for this reason. Try out antenna and installation possibilities in the vehicle in the case of inadequate reception. It may be necessary to install an external GPS antenna (see page 81) under certain circumstances.

I. Mounting the Car Holder

**Attention!**

Only fix the holder for the navigation system to the windshield, 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.
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 windshield 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 22) and, if necessary, the TMC Traffic Monitoring antenna and the external GPS antenna, to your navigation system and insert the memory card.

2. Place the device below in the center of the holder. Press it gently **backwards** until it engages with a click.

( similar picture )
3. Place the holder on the fixing catches of the car holder.
4. Now, push the unit **downwards** until it engages audibly.
5. Now you will be able to place the complete unit on the cleaned windshield or the suction plate.
III. Connecting the Car Adapter

(similar picture)
1. Plug the jack (1) of the connection cable into the corresponding port at the bottom of your navigation system.

2. Insert the power adapter (2) 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 31). 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 a few minutes for initialization when deployed for the first time or after a hard reset. 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.
MP3 Player

Your navigation system is equipped with an MP3 Player.

Start the MP3 player from the main screen by tapping the MP3 Player button. Alternatively, the MP3 player can also be started from the navigation software itself.

All the MP3 files located on the memory card can be taken over into a List of Favourites and will be ready to be played.

Main Screen Overview
<table>
<thead>
<tr>
<th>Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Backward" /> or <img src="image" alt="Forward" /></td>
<td>Move to the previous or next file. It will be possible to skip backwards or forwards within the title playing while it is being played.</td>
</tr>
<tr>
<td><img src="image" alt="Volume" /> or <img src="image" alt="Volume" /></td>
<td>Increase or decrease the volume. The display in the upper right corner of the screen will show the current level of the volume.</td>
</tr>
<tr>
<td><img src="image" alt="For Selection" /></td>
<td>For the title selection</td>
</tr>
<tr>
<td><img src="image" alt="List of Favourites" /></td>
<td>Opens the List of Favourites</td>
</tr>
<tr>
<td><img src="image" alt="Play" /></td>
<td>Play the playback.</td>
</tr>
<tr>
<td><img src="image" alt="Pause" /></td>
<td>Pause the playback.</td>
</tr>
<tr>
<td><img src="image" alt="Stop" /></td>
<td>Stop the playback.</td>
</tr>
</tbody>
</table>
Changing the mode of playing:

**Normal**: Plays all the files in their sequence and stops after the last file.

**Shuffle**: Plays a file selected at random.

**Repeat**: Repeats the current file continuously.

**Repeat all**: Plays all the files in their sequence and will restart from the first file, after the last one has been played.

Reduces the screen brightness to a minimum, to save electricity.

Break off action / Back to the previous Menu

Close the application
Select a Title and Move it into the List of Favorites

Tap on and select the title that you would like to move into the List of Favorites, in order to select a title.

You will have three possibilities of marking the title here:

- Tap on , in order to mark all the titles, including all sub-directories.
- Tap on , in order to mark all titles currently in view.
- Mark individual titles or remove the marking by pressing on it directly.

The selected titles will be indicated by a.
Tap on ✔️, in order to confirm your selection. The titles marked will not be moved into the List of Favourites until then.

You will remove the marking of the title currently viewed with 🔴.

Tap the file required and select the requisite title, in order to select a title in the sub-directories.

You will arrive back at the superordinate directory with 🔷.

The 🏷️ symbol will be shown if not all the titles in a directory have not been selected.
List of Favorites

You will reach the List of Favorites by tapping on the ♡.

![Image of MP3 Player]

You will delete individual titles with ❌ and you will delete all titles with 🗑.

Confirm with ✔️, in order to take over the new selection into the List of Favorites.
**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** button. 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.

52 Picture Viewer
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**
<table>
<thead>
<tr>
<th>Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![←]</td>
<td>Previous picture</td>
</tr>
<tr>
<td>![↺]</td>
<td>Turn it clockwise by 90° in stages</td>
</tr>
<tr>
<td>![.FromArgb]</td>
<td>Fade in grid</td>
</tr>
<tr>
<td>![▶]</td>
<td>Start the slide show</td>
</tr>
<tr>
<td>![⏸]</td>
<td>Pause the slide show</td>
</tr>
<tr>
<td>![↺]</td>
<td>Turn it counter-clockwise by 90° in stages</td>
</tr>
<tr>
<td>![→]</td>
<td>Next picture</td>
</tr>
</tbody>
</table>

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

Fig.: Zoom-in Mode

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

Your navigation system is equipped with an **AlarmClock**.

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

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

**Overview of the main screen**

![Overview of the main screen](image)

58 AlarmClock
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

<table>
<thead>
<tr>
<th>Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Clock Icon" /></td>
<td>13:36:25 Current system time</td>
</tr>
<tr>
<td><img src="image" alt="Search Icon" /></td>
<td>Setting-up mode (Setting volumes, system time and alarm)</td>
</tr>
<tr>
<td><img src="image" alt="Night Mode Icon" /></td>
<td>Night mode (Standby mode)</td>
</tr>
<tr>
<td><img src="image" alt="Alarm Off Icon" /></td>
<td>Reset/deactivate the waking function</td>
</tr>
<tr>
<td><img src="image" alt="Alarm Icon" /></td>
<td>Setting the alarm time</td>
</tr>
<tr>
<td><img src="image" alt="Trash Can Icon" /></td>
<td>Delete the entry</td>
</tr>
<tr>
<td><img src="image" alt="Check Mark Icon" /></td>
<td>Confirmation interface</td>
</tr>
<tr>
<td><img src="image" alt="Volume Icon" /></td>
<td>Reduce the volume</td>
</tr>
<tr>
<td>Button</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>---------------------------</td>
</tr>
<tr>
<td><img src="image1.jpg" alt="Volume Up" /></td>
<td>Increase the volume</td>
</tr>
<tr>
<td><img src="image2.jpg" alt="Back" /></td>
<td>Back to the previous menu</td>
</tr>
<tr>
<td><img src="image3.jpg" alt="Power Off" /></td>
<td>Close the application</td>
</tr>
</tbody>
</table>

**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 ![Time](image4.jpg) in the main screen. The following screen will appear:
2. Tap on the clock icon to change the time setting.

**Note**
The system time is updated by GPS reception. Pay attention to the time zone settings.
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 \[\text{button}\] to activate the Snooze function.

2. To be wakened again at the same time on the following day tap on the \[\text{button}\].

3. Tap on \[\text{button}\] 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.
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 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 32).

How can I adjust the lighting?

Under Settings.
Customer Service

Trouble shooting

The navigation system no longer reacts or is behaving atypically.
• Carry out a reset (see page 32).

The navigation system is recognized only as a guest by ActiveSync®.
• See information on page 79.

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 antenna 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 Service Center, please have the following information available:

• 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?
• Have you upgraded or removed drivers or hardware?
• Can you manually repeat 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. GPS Factory Reset
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 vehi-
cles 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 28).

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 33).

**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 91, in order to recreate the files (installation files and map material) in the internal memory.
Synchronisation with the PC

1. 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.

**Note**

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 back-up, 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.
II. Connecting with the PC
1. Press the On/Off button to start your navigation system.
2. Connect the USB cable 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 device and installs a suitable driver which can take some minutes. Repeat the 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. No type of software or drivers installation will be necessary for this. Do not interrupt the charging process if possible during the first use.

Note
When installing the GoPal Assistant, ActiveSync® will be installed automatically.
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 jour-
ney. Pressing the same switch again will activate a restart. The GPS
receiver will also be reactivated at the same time, if navigation soft-
ware 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 device 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
windshield).

1. The antenna should be pointing upwards.
2. Push the plug of the external GPS antenna into the opening pro-
vided for it.
TMC Traffic Monitoring (Traffic Message Channel)

The Traffic Message Channel (TMC Traffic Monitoring) is a digital radio data service that functions in a similar way to RDS and is used to continuously transmit traffic conditions and incidents to a suitable reception device. The traffic information is continuously transmitted across the FM frequency. Apart from this, important information, as in the case of people driving on the wrong side of the road for example, can be passed on immediately. The service is only available where Navteq traffic coverage exists. Coverage areas may expand or change without notice. Service is available for the life of the product as long as coverage exists. To review the latest coverage details visit http://www.navteq.com/rdstraffic. Medion software and services are subject to the terms of the license agreement and limited warranty included with the software and services.
Connecting the TMC Traffic Monitoring Dipole Antenna

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

1. Plug the jack plug of the TMC Traffic Monitoring angled antenna into the earphones connection on the lower side of your navigation system.

2. Attach the antenna, on the edge of your windshield, for example, with the help of the sucker.

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

TMC Traffic Monitoring reception can be improved by different antenna positioning, according to the vehicle.
Your navigation system will now be able to receive traffic information through the TMC Traffic Monitoring receiver and thus direct you away from disruptions to traffic.

TMC Traffic Monitoring reception can be improved by different antenna positioning, according to the vehicle.
**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**

<table>
<thead>
<tr>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

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 device 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 into your computer 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 DVD. You will be able to transfer these cards to a memory card immediately. It is recommended that you use an external card reader (see also page 87). 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 DVD, 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 Explorer on your PC via the following steps:

1. Insert the DVD with the card material required.
2. Start your workstation and select your 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 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 71).

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. Ensure 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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power supply</strong></td>
<td>Atech ATPI-68HT0501</td>
</tr>
<tr>
<td>Power supply cable for a cigarette lighter</td>
<td></td>
</tr>
<tr>
<td><strong>Input</strong></td>
<td>10-30V 1.3A max. / fuse 2A</td>
</tr>
<tr>
<td><strong>Output</strong></td>
<td>5V 1A</td>
</tr>
<tr>
<td>Earphones</td>
<td>Stereo earphones (3.5 mm)</td>
</tr>
<tr>
<td>Memory card type</td>
<td>MMC and SD</td>
</tr>
<tr>
<td>Connector type of the external GPS receiver</td>
<td>MMCX</td>
</tr>
<tr>
<td>USB interface</td>
<td>USB 1.1</td>
</tr>
<tr>
<td>Dimensions</td>
<td>approx. 91.5 mm x 87.8 mm x 21.6 mm</td>
</tr>
<tr>
<td>Weight incl. battery</td>
<td>approx. 140 g (without packaging)</td>
</tr>
<tr>
<td>Parameter</td>
<td>Information</td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>Temperatures</td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>+32°F and +95°F</td>
</tr>
<tr>
<td></td>
<td>0°C - +35°C</td>
</tr>
<tr>
<td>Storage</td>
<td>-4°F and +140°F</td>
</tr>
<tr>
<td></td>
<td>-20°C - +60°C</td>
</tr>
<tr>
<td>Humidity (without condensation)</td>
<td>0 – 90 %</td>
</tr>
</tbody>
</table>

**Copying this manual**

This document contains legally protected information. All rights reserved. Copying in mechanical, electronic and any other form without the written approval of the manufacturer is prohibited.
FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. 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 to correct the interference by one or more of the following measures:

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cables, if any, must be used in order to comply with the emission limits.

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