

# Portable Navigation Device

## User Manual



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# Product Overview

## Front View



## Back View



## Bottom View



## Left-side View



## Right-side View



## Install the Device to Your Car



1. Insert the device into the car holder.



2. Insert the car holder into the slot of the gooseneck.



3. Attach the gooseneck to the windshield in your car.



4. Connect the USB car charger to the device, and the other end (with the cigarette lighter plug) to the car cigarette lighter outlet.



## Package Contents

Carefully open the packing box and ensure that you have the following items.

- The device
- Car holder
- Gooseneck
- MicroSD card
- USB cable (with the cigarette lighter plug)
- Software CD
- Quick Start Guide

 Note: If any items are missing or damaged, please contact your dealer.

## Status Indicators

LED Indicator	Description
Blue	Power on.
Orange	Charging.

## Navigation

This chapter will introduce all the functions of the navigation engine in this device. You only need to assign a destination and the device will take you there. If needed, you can also set your home location, current car position, address, intersection, and points of interest as explained in the following.

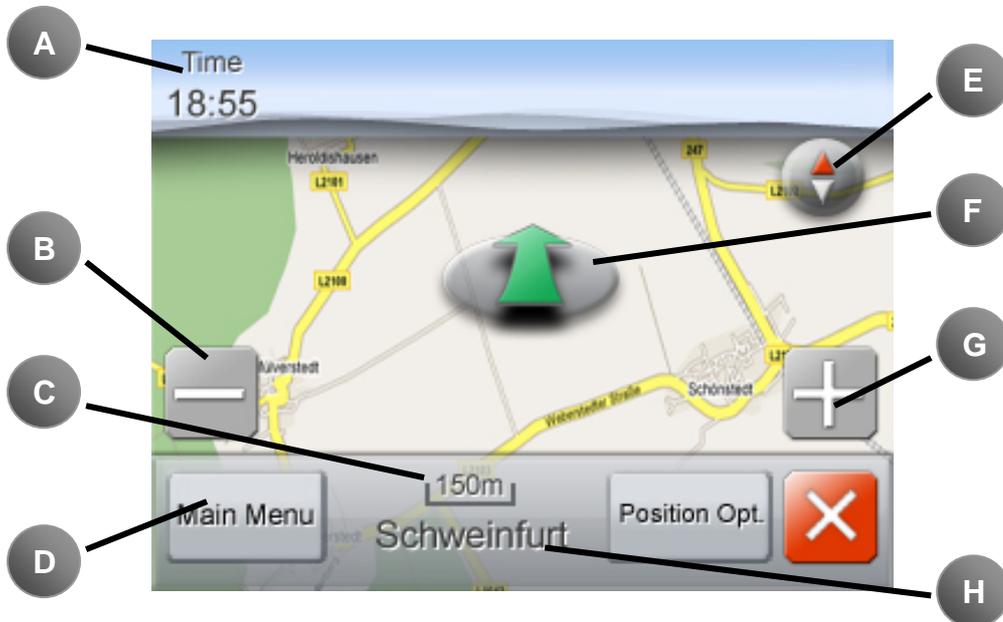
### To Start the Navigation

1. Turn the device on.



2. Tap  in the main page.
3. After the safety notice, you will see the map and the current car position.

### Overview of the GPS Screen



Option	Description
<b>A. Time</b>	Current time.
<b>B. Zoom-out</b>	Zoom-out.
<b>C. Map scale</b>	Current scale of map data.
<b>D. Main menu</b>	Back to main menu of navigation mode.
<b>E. Direction of north</b>	<ul style="list-style-type: none"> <li>● Fixed upward direction (just like a conventional printed map)</li> <li>● Real- time direction (corresponding to the direction of the current car position)</li> </ul>
<b>F. Current car position</b>	Current car position.
<b>G. Zoom-out</b>	Zoom-out.
<b>H. Current position</b>	Current position of the device.

## Main Menu



Option	Description
<b>Insert Destination</b>	Select the destination by searching intersection or POI, or from your favorites or last destination.
<b>Map</b>	Search the destination from map.
<b>Settings</b>	Personalize your navigation software.

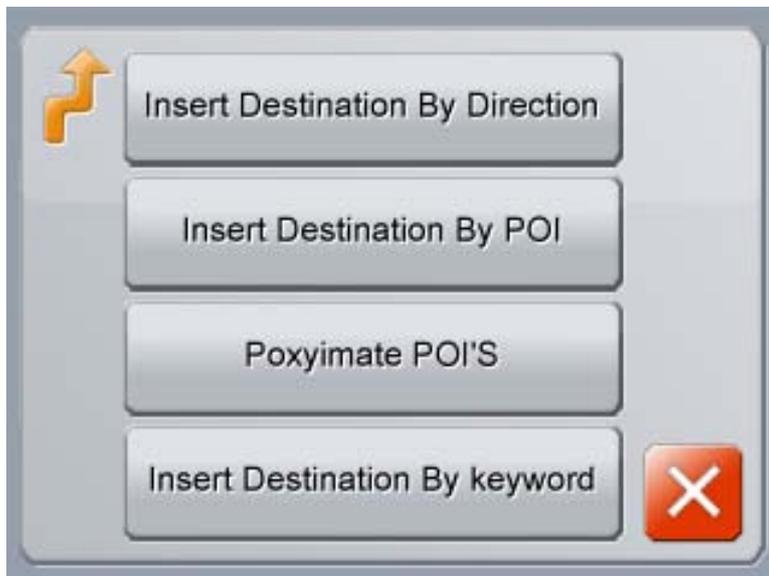
 Note: The download GPS map, the displayed language, and icons may vary depending on your currently located country or region.

## Insert the Destination



Option	Description
<b>New</b>	Select a new destination by searching intersection, POI, or proximate POI.
<b>Home</b>	Back home.
<b>Favorites</b>	Select one of your favorites as the destination.
<b>Last Destinations</b>	Select one of the past destinations as this time destination.

### Find a New Destination



- By address/intersection

1. Choose "***Insert Destination By Direction***".
2. Tap one search option (by city or zip code).
3. While you key in the keyword (such as city, street name, and address number), the device will display available choices by letters automatically.
4. If you do not know the exact address number, select the second street name to search by intersection instead.
5. After selecting the destination, then choose the way of planning the route.
6. The device will play a voice message indicating the route is being calculated. You can then start driving and follow the ongoing voice and screen instructions when driving to the destination.

- By point of interest (POI)

1. Choose "***Insert Destination By POI***".
2. Tap one search option (by city or zip code).
3. As you enter the search keyword, available choices displays by letters that you can tap.
4. Tap to select a place under the selected category.
5. Tap to select a category such as hotel.
6. After selecting the destination, then choose the way of planning the route.
7. The device will play a voice message indicating the route is being calculated. You can then start driving and follow the ongoing voice and screen instructions when driving to the destination.

- By proximate POI

1. Choose "***Proximate POI's***".
2. Tap to select a category such as bank.
3. Tap to select a place under the selected category.
4. After selecting the destination, then choose the way of planning the route.
5. The device will play a voice message indicating the route is being calculated. You can then start driving and follow the ongoing voice and screen instructions when driving to the destination.

- By keyword

1. Choose “***Insert Destination By Keyword***”.
2. Tap one search option (by city or zip code).
3. As you insert the search keyword of the POI, available choices displays by letters that you can tap.
4. After selecting the destination, then choose the way of planning the route.
5. The device will play a voice message indicating the route is being calculated. You can then start driving and follow the ongoing voice and screen instructions when driving to the destination.

### Search the Destination from Map



1. Tap the arrow which means your car current position, then you will find four arrows disappeared around the map.
2. Tap those arrows to search your destination. While searching, tap  to zoom-in or  to zoom-out as needed.
3. Once you find the destination, tap “***Position Opt.***”.
4. Then tap “***Navigate To***”.
5. The device will play a voice message indicating the route is being calculated. You can then start driving and follow the ongoing voice and screen instructions when driving to the destination.

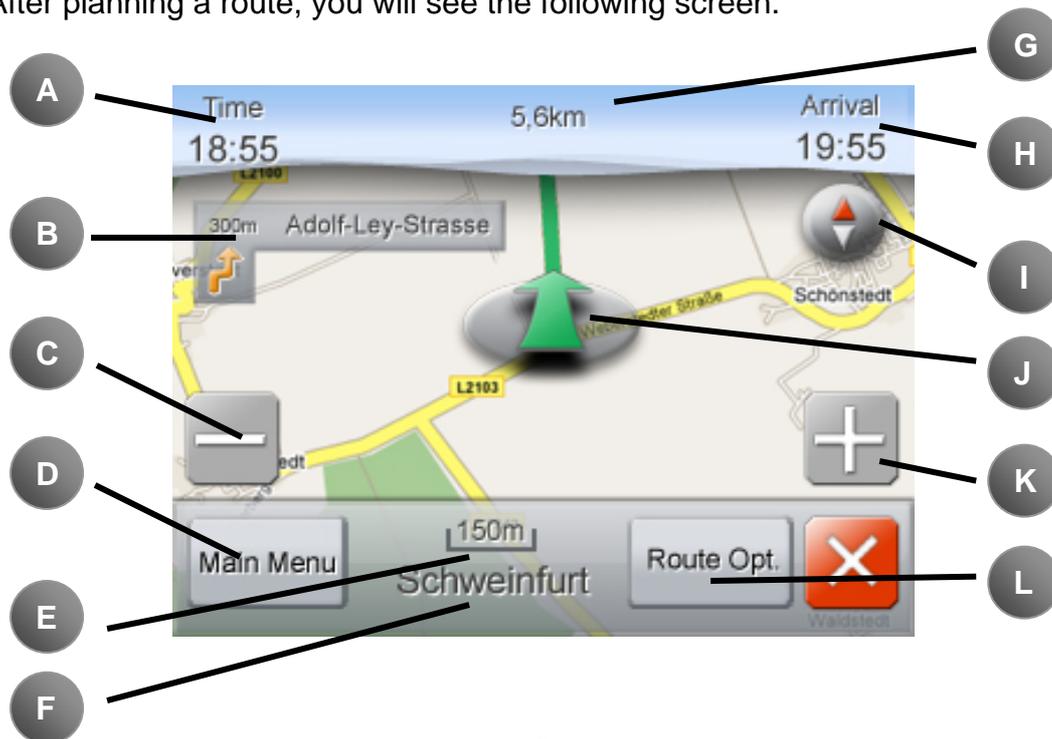
When searching points in the map, there are still other options after tapping “***Position Opt.***”.



Option	Description
<b>Navigate To</b>	Sets the current cursor position as the destination.
<b>To Car Position</b>	Returns the map view to the area where your car is currently located.
<b>Add To Favorites</b>	Sets the current cursor position as a point of interest.
<b>Set As Home Position</b>	Sets the current cursor position as your home location.
<b>Set As Car Position</b>	Sets the current cursor position as your current car position. (When no GPS signal)

### Overview of the Navigation Mode

After planning a route, you will see the following screen.



Option	Description
A. Time	Current time.
B. Next turn information	Next turn direction & remaining distance.
C. Zoom-out	Zoom-out.
D. Main menu	Back to main menu of navigation mode.
E. Map scale	Current scale of map data.
F. Current position	Current position of the device.
G. Remain distance	Remaining distance of the destination.
H. Arrival time	Estimating time of arrival.
I. Direction of north	<ul style="list-style-type: none"> <li>● Fixed upward direction (just like a conventional printed map)</li> <li>● Real- time direction (corresponding to the direction of the current car position)</li> </ul>
J. Current car position	Current car position.
K. Zoom-in	Zoom-in.
L. Route opt.	<ul style="list-style-type: none"> <li>● Route List: the list of all streets in the route.</li> <li>● Route Simulation: simulate all the conditions of this route.</li> <li>● Cancel Route: cancel this route and back to normal map mode.</li> <li>● Re-route: re-plan a new route to the destination.</li> </ul>

### Options after Setting a Route

Once a route is planned, you can tap “**Route Opt.**” and then select one of the following options.



Option	Description
Route List	Shows a list of intersections, street names, and distance (by section) along the route.
Route Simulation	Dynamically shows you how you would be driving if you follow the route. Use this feature to preview the route before you start driving as needed.
Stop Routeguidance	Stop routing.
Recalculate Route	Re-calculates the route.

## Other Settings

Tap “**Settings**”, and then select one of the following options.



- Options



You can customize your device in this page by tapping , . After accomplishing the settings, please tap  to store the settings. Instead, tap  to quit this page without storing the settings.

Option	Description
<b>Day/Night</b>	Sets the degree of backlight to fit the lighting condition during daytime or nighttime.
<b>Perspective</b>	Sets the viewing angle between 2D and 3D.
<b>Zoom</b>	Sets the default map scale.
<b>Brightness</b>	Sets the degree of backlight.
<b>Auto-Zoom</b>	Automatically adjusts the map scale as you drive.
<b>Avoid Ferry</b>	Automatically avoid the ferry when planning a route.

- Modify Points of Interest



This page will let you choose what kinds of POI will be shown in the navigation.

- GPS-Signal



This page will display the current date, time, speed, longitude, latitude, and height.

- Longitudes and Latitudes



1. Tap ,  to enter the parameters (by longitude and latitude) of your destination.
2. Tap  after inserting the coordinates you want.
3. Choose the way of planning the route.
4. The device will play a voice message indicating the route is being calculated. You can then start driving and follow the ongoing voice and screen instructions when driving to the destination.

- Navi System Info

This page will list all the information of this navigation engine and map data.

## Entertainment

You can insert a microSD card for music, video, or photo playback. Once the card is inserted, three folders (“Music”, “Video”, and “Photo”) will be automatically generated on the card. Please use the following supported file formats.

Player	Supported formats
<b>Photo Viewer</b>	Supports JPEG GIF and BMP formats.
<b>Video Player</b>	Supports 3GP and MP4 formats.
<b>Audio Player</b>	Supports MP3, WMA, WAV, Audio ASF formats.

### Audio Player

1. Turn the device on.
2. Tap  in the main page.
3. Select the music track you want.
4. Tap the music track icon or tap  to start playback.



- |  |   |
|--|---|
|  Play           |  Delete                                      |
|  Stop           |  Properties                                  |
|  Pause          |  Plays only the selected music track         |
|  Next track     |  Continuously plays the selected music track |
|  Previous track |  Continuously plays all music tracks         |
|  Forward        |  Back (when reading the properties)          |
|  Rewind         |   |

## Video Player

1. Turn the device on.
2. Tap  in the main page.
3. Select the video file you want.
4. Tap the video icon or tap  to start playback.



- |  |  |
|--|--|
|  Play                               |  Delete                                     |
|  Stop                               |  Properties                                 |
|  Pause                              |  Plays only the selected video file         |
|  Next video                         |  Continuously plays the selected video file |
|  Previous video                     |  Continuously plays all video files         |
|  Forward                            |  Full screen                                |
|  Rewind                             |  Normal screen                              |
|  Back (when reading the properties) |  |
- 

## Photo Viewer

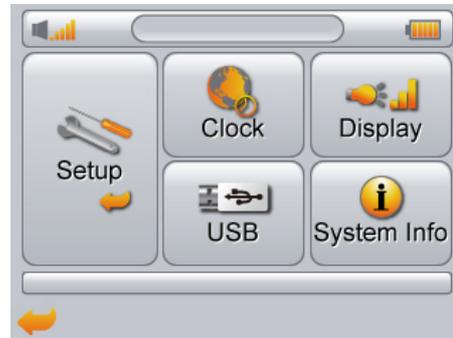
1. Turn the device on.
2. Tap  in the main page.
3. Select the photo file you want.
4. Tap the photo icon or tap  to start viewing.



- |                |                          |
|----------------|--------------------------|
| View photo     | Properties               |
| Next photo     | Delete                   |
| Previous photo | Rotate counter-clockwise |
| Slide show     | Rotate clockwise         |

## Settings

1. Turn the device on.
2. Tap in the main page.



Option	Description
<b>GPS</b>	Display the satellite information.
<b>Language</b>	Sets the OSD (On-Screen Display) language.
<b>Speaker</b>	Adjust the volume of this device. Turns on/off the touch tone sound.
<b>Power</b>	Sets the waiting time for the device to turn off the backlight and the remaining power when the device decides to turn off the system.
<b>Clock</b>	Set the time and time zone of this device.
<b>Display</b>	Sets the degree of screen brightness. Calibrate the display.
<b>USB</b>	Connect the device with your computer and upload/download the files between them.
<b>System Info</b>	Shows the hardware and software information of this device.

 Note: You can also adjust the volume of the speakers by tapping the speaker icon  on the left-top side of the main page.

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### Cautions

#### **Be far away the electronic device**

- Please be far away the cell phone when using the device. The electromagnetic wave will influence the display and speakers of the device.
- The electromagnetic wave from other speakers or motors will influence the image or sound generated by the device.

#### **Be far away from the communication base station or high-voltage power tower**

- The strong electromagnetic wave will influence the performance of the device.

#### **Do not spray high volatility chemical on your device**

- Once this chemical sprayed on the device, it will corrode its housing.
- Prevent the device being attached rubber or plastic too long.

#### **Prevent water or sand being into your device**

- Once water intrudes into the device, it will cause it unstable.
- Sand intrudes into the device may cause memory card broken.

#### **Prevent dropping or hit**

- Dropping or hit may cause the housing broken or function unstable.

#### **Fog effect**

- When using the device in a very cold environment, once the temperature increases immediately, the device may cause fog effect. Please turn off the device first, one hour later, the temperature inside the device will be similar with the temperature outside. Once the outside temperature closes to inside temperature, the fog effect will disappear.

#### **Storage environment**

- Please pull out the MicroSD card from the device before storage.

- Storage temperature: -10~70°C (14°F~158°F)
- Storage Humidity: 5%~90%

### **Memory card**

- Prevent high temperature, insolation, electromagnetic, or static electricity.
- Do not twist or drop the memory card, which may cause the data stored inside broken.
- Remember to pull out the memory card after using.
- Do not touch the connector of the memory card, which may cause sand or water intruding into the card.

### **LCD display**

- If the temperature changes immediately, it may cause the fog on the display. Please use the soft and dry cloth to wipe it.
- When starting in a very cold environment, the brightness of the display may be a little dark. Along with the increasing temperature, the brightness of display will become brighter.
- Do not use the high volatility chemical when wiping the display.
- Do not expose the display surface to any excessive shocks or scratches.

### **Troubleshooting**

#### **The device cannot start**

- Check that the power LED indicator which is on the left side of the device is on or off first (the upper one).
- If the power LED indicator is off, maybe the device is in the low power stage, please try again after plugging in the USB cable which can be applied with the cigarette lighter plug.

#### **LCD backlight is too dark or too bright**

- Please adjust the brightness of the display in the “Display” setting page.

#### **The volume of the speaker is too large or the small**

- Please adjust the volume of the speakers in the “Speaker” setting page or by the speaker icon on the upper left side.

#### **The device cannot play the image files, music files, or video files**

- Be sure that your SD card is inserted into the device.
- Be sure that the file you want to play is in your SD card.

- Be sure that the format of the file is supported by the device.

### No GPS signal

- Be sure that there is nothing covering the device to influence receiving GPS signal.
- Please connect the external GPS antenna and try again.

### Cannot upload files from the device to your desktop/laptop or cannot download files from your desktop/laptop to the device

- Be sure that you turn on the connection in the “USB” setting page.
- Be sure that the setting of the desktop/laptop is appropriate.
- Too long USB cable will decrease the signal and let the desktop/laptop cannot identify the device.

### No responses from the device

- Please press the power switch for 4 seconds to turn off the device and restart again after turning off.
- Or press the reset button to restart the device.

## Specification

Hardware	
Processor	ARM 9 (143MHz)
Memory	16MByte or 32MByte SDRAM (Depending on navigation software), 32MByte NAND Flash
Display	3.5" touch screen, 320(H)x240(V)
GPS	Compass EB818 with built-in antenna
Card Reader	MicroSD card, support to 2GB
I/O Port	Mini USB 2.0 Slave x1, Earphone Jack x1, MicroSD card portx1
Speaker	8roh,1W Speaker x 1
Battery	Polymer battery, 1300mAh
Key Control	Power key x1, Reset button*1
LED	Power LED*1, Charging LED*1
Power Supply	5V@370mA
Power Consumption	5V@380mA(full function)