











Icon	Name	Function
	Menu icon	Open a menu with various options
	Back icon	Go back to the prior screen
	Search icon	Open a search screen
	Confirmation icon	Confirm chosen options or perform the current application
	Navigation icon	Start navigation
	Up icon	Go up on current menu
	Down icon	Go down on current menu
	GPS icon	Avaibility / strength of GPS signals
	Battery icon	Battery level
	Delete icon	Delete current selection

INTRODUCTION

You have chosen a cutting-edge navigation system. Congratulations! Please enjoy using it. This navigation system leads you straight to your destination, whether you are travelling by car or on foot. You can navigate and plan your route with an easy-to-use and intuitive interface, just by using your finger. You can also use this application to plan your trip to suit your personal preferences and interests and to save interesting destinations before you set off on your journey. This manual leads you through the main features of the system.

GETTING STARTED

- Switch on the unit and choose NAVIGATION.

Choosing a language

If more than one language is available on your device, you are prompted to choose your language.

- Click on the flag representing your country/language.
- On the following screen, choose the voice skins used for the voice commands during navigation (e.g., female or male voice).

Set time zone

Your navigation device is able to automatically determine the time / date through the GPS signal.

For this purpose, you need to set your time zone.

- Choose your time zone from the list. It can be changed at a later time (see page 16).
- Press the Confirmation icon.

GPS connection

Your navigation device uses GPS technology for navigation. The device receives signals from a number of GPS satellites in order to determine your current position.

- Place your navigation device in a location with an unobstructed view to the sky to set up your first satellite connection. In a car this will usually be on the dashboard, if your car doesn't equipped with indash navigation device.

It may take up to 10 minutes to establish the first connection. Subsequent connections will be faster (30 seconds to 1 minute), but if you have not used the unit for several days or are very far away from the last location where you used it, it may take up to 10 minutes again to find a strong signal.

MAIN ELEMENTS

Main menu



The navigation main menu is your central point of access to all navigational functions of your navigation device. It allows you to set your destination, manage your favorites and control all settings of your device.

On the left-hand panel there are four large buttons. Click on one of the buttons Destination, Favourites or Settings to open a set of sub-options or press exit to return to the main menu.

- Destination lets you choose your destination – either by searching for an address (see page 6), choosing an entry from the POI directory (see page 9), selecting a location from the map (see page 9) or a recently visited location (see page 12).
- Favourites allows you to manage your favourites (like bookmarks, recently visited locations, trips). You can rename, sort or delete items (see page 10).
- Use Settings to configure your SNS device to suit your needs. Define general settings (e.g., time, language, units of measurement, see page 8), configure your map (e.g., 2D or 3D mode, day or night mode, map complexity) or load a map of a different region (see page 8), set the route options (e.g., choose to avoid or allow toll roads or ferries or select your mode of transportation; see page 17) or adjust the volume (see page 18).

MAIN ELEMENTS

Map

The map is the core component of your navigation device. It is centred on your current location by default, provided you have a GPS connection. You can browse the map, display information about the different locations shown on it and, e.g., choose them for routing and navigating.

Tracking mode and browsing mode:

The map has two basic states: tracking and browsing.

In the tracking mode, the map follows your actual position (GPS position), displaying information about your geographic position, your speed, etc. The GPS position is indicated through the crosshairs.



As soon as you click on the map, you enter the browsing mode:



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- Use the stylus pen provided or your finger to browse the map. The selected position will be identified by a cursor.

Clicking on an icon on the map opens an overlay window with information about the selected item.

- To zoom in or out, press the + or - icons. As soon as you press one of the icons, the zoom slider is displayed to enable smooth zooming.
- Use the Compass icon (in the bottom left-hand corner) shows your the direction of North.
- If you want to return to the tracking mode, press the Back icon.

Navigation screen



The navigation screen displays your route (in blue) and your surroundings. Arrow identifies your current position. The red arrow indicates the direction of your next turn. The upcoming manoeuvre is also visualised in the upper left corner – together with the distance to it. When you approach a turn, there will be a voice command at the appropriate time. On the left side, additional information is displayed, such as estimated arrival time and the distance to your destination. In one-way streets, the direction of travel is indicated by a blue arrow. For more information about navigation see page 22.

MAIN FEATURES

This chapter describes the functions of your navigation device in detail. On the following pages you will learn how to

- Find and choose locations (see page 16)
- Navigate to your destination (see page 22)
- Use the route planner (see page 23)
- Configure the application (see page 24)

Choosing and finding locations

This section describes the different ways of finding and choosing locations. You can search for an address, browse POI directories, choose locations on the map and choose one of your favourites (like home and work address, your bookmarks and recently visited locations).

Search for an address

Use the address search function to find an address. Just enter information about the desired target, select a hit from the results list and use the address found for different purposes, like showing it on a map, planning your route and navigating.

- In the main menu, press Destination.
- Press Address.

Postcode search availability subject to the country. This feature is disabled when not applicable to the country.

The Find Address window will be called up:

- Enter the appropriate data to find your address.

How to search

Your navigation device offers a convenient interactive look-ahead search function to prevent misspelling. Only keys that lead to a search result can be pressed – all others are greyed out!

- Enter the first character.

You will see that the some keys on the keypad turn grey. You can only choose white keys:



- Enter the second character.
- Again, some keys will turn grey; others will stay white, depending on your choice.
- Keep on entering characters until you have narrowed down the search to only one result.
- OR
- Press the Search icon (magnifying glass).
- A result list will be displayed.
- Choose the appropriate entry from the list.

*Switch between letter and number mode by pressing 123 or ABC.
 Switch between upper case and lower case by pressing ^.
 If at any point you want to go back and delete characters, press the backspace button <- on the screen. To add a space, press the space bar _.
 If you need to enter an apostrophe (') use the space key instead.*

Set the country

- To select your country, press country.
 - Choose your country from the list.
- The country field will be populated with the name of the chosen country.

Enter a Post code**

- Instead of a city you may enter a post code,
- To enter a post code, press Post code;
 - Enter the Post code of the town/city you are looking for,
 - Press the Search icon (magnifying glass),
- A hit list will be displayed.
- Choose the appropriate town/city from the list.
- You will return to the Find Address screen, and the City and Post code fields are populated with the chosen city/Post Code.

**It is possible to enter a street name after entering a postcode. You can only enter a house number if a street name is entered first.

Note: when carrying out a 7 digit postcode, sometime a towns /city will not be shown in the city field, this is because the postcode only returns longitude and latitude co-ordinates to the navigation device.

Search for the city

- To select a city, press City.
 - Search for the city as described above. A result list will be displayed.
 - Choose the appropriate town/city from the list.
- You will return to the Find Address screen, and the City field is populated with the name of the chosen town/city.

Search for the street

- Enter the postcode or city.
- To select a street, press Street.
- Search for the street as described above.

A result list will be displayed.

- Choose the appropriate street from the list.
- You will return to the Find Address screen, which now contains the data previously entered.

You may also enter a house number.

Navigate to the address found

Once you have narrowed down your search to a unique address, you can start navigation. Press the Menu icon to access further options:



MAIN ELEMENTS

- To navigate to the location, press Navigate (see page 22).
- To use the location for planning a route, press Via (see page 23).
- To save the location as a bookmark, press Save (see page 21).
- To show the location on the map, press On Map.

Searching for and choosing POIs

The POI finder allows you to quickly find points of interest like petrol stations and restaurants in a database of millions of POIs. These places can be nearby or at a distant location.

- In the main menu, press Destination.
- Press POI Search.

The POI Search screen will be displayed:



The location is automatically set to your current / last known location, the surrounding area will be searched for your chosen category. You can click on WHERE to search for POI in other areas. You will be shown a list of options:

- Address - Enter an address as previously covered.
- Favourites - Choose a stored location.
- GPS position - This is your current or last known location.

Choosing a POI

- Select the desired POI category.
A menu with subcategories will be shown.
- Select a subcategory (if applicable).
- To return to the previous category, press the Back icon. A list of POIs will be shown, scroll up and down the list.
- Select a POI by clicking on it.
A menu with a set of actions will be displayed:



- To navigate to the location, press Navigate (see page 22).
- To use the location for planning a route, press Via (see page 23).
- To save the location as a bookmark, press Save (see page 21).
- To show the location on the map, press On Map.
- To show information about the location, press Description.

Searching for a POI

- To enter a search keyword, press the Search icon.
 - Enter the search keyword (at least three characters), and press the Confirmation icon.
- A list of POIs will be shown when scroll up and down the list.
- Select a POI by clicking on it.
- A menu with a set of actions will be displayed as described above.

Choosing a location on the map

An easy way to choose a location is to select it on the map. Browse your surroundings and choose any street or location to use it for navigation or routing.

- In the main menu, press Destination.
- In the main menu, press Map.
- Point the cursor at any place on the map. The name of the selected location/street will be shown in the info box.
- Press the Menu icon.

From the following menu you can choose to be guided to the address, use it for route planning, show it on the map, etc. (see page 23).

Favourites

Use your frequently used or favourite destinations for guidance. You can choose among your bookmarks, recently visited locations, previously saved trips (see page 26) and presets (e.g., your home or place of work).

- In the main menu, press Destination.
- In the main menu, press Favorites.

The Favorites menu will be displayed on the screen:

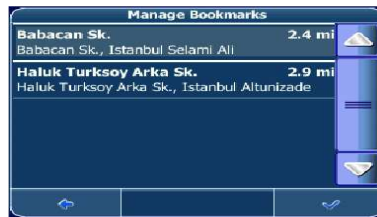


Bookmarks

The bookmarks list contains the destinations you have saved as favourites (from the guides, by choosing them on a map, etc.). This means that you do not need to perform repeated searches for those destinations.

- Press Bookmarks.

The bookmark list will be displayed on the screen:



Use the up and down arrows to scroll up and down in the list.

- Select an item by clicking on it.

A menu with a set of actions will be displayed:

- To navigate to the location, press Navigate (see page 22).
- To use the location for planning a route, press Via (see page 25vz).
- To sort the list of location alphabetically, press Sort.
- To show the location on the map, press On Map.
- To delete the selected location, press Delete selected.
- To edit the location, press Rename.
- To delete all locations, press Delete all.

Recent

Pressing Recent opens a list of recently visited or looked-up destinations.

- Press Recent.

The list of recent items will be displayed on the screen.

Use the up and down arrows to scroll up and down in the list.

- Select an item by clicking on it.

A menu with a set of actions will be displayed as described above.

Trips

- To access your previously saved trips, i.e., routes, press Trips (see page 25).

Presets

You can save your home and street addresses as presets for quick access.

- Press Presets.
- Press My Home / Work.

A menu with a set of actions will be displayed**:

- To navigate to the location, press Navigate (see page 24).
- To use the location for planning a route, press Via (see page 25).
- To edit the location, press Edit.
- To delete the location, press Delete.
- To show the location on the map, press On Map.
- To delete all locations, press Delete all.

** If a PRESET has not already been stored then you will need to store them first. Select the entry you wish to store, a options list will be shown. Chose one to store your preset location.

Address --> Gps position --> Recent --> follow the steps outlined previously to store your preset locations.

If no home address has been set, you are prompted to do so. You can choose it by searching for an address, through your current GPS position or by choosing a recently visited location.

Navigating

The powerful navigation capabilities of your Personal Navigation Device guide you along the shortest or quickest route from A to B – with voice commands and in 3D / 2D map view.

This section describes the navigation feature.

See page 22 for information about choosing elements on the map. See page 18 for information about finding and choosing addresses, POIs and locations inside a guide.

- Choose a location through Destination, and press Navigate in the respective menu.

Your route is calculated, and the navigation screen is called up (see page 15).

Browse the map during navigation

You can browse the map even while navigating. This way you can easily choose a new destination if you change your mind. However, navigation will not be interrupted – you will be still guided through voice commands. Press the Back icon to switch to on-screen navigation.

Menu options

• To open a set of navigation options during navigation, press the Menu icon:



Here you will find the following items:

Alt. route

With this option, you can choose to block the calculated route for a given distance (e.g., 0.5 km) and force an alternative route. Simply tap on the icon which shows the desired distance. Your route will be recalculated, and the previous route will be discarded for the given distance.

List of waypoints

Opens a list of the waypoints on your itinerary.

Save

Save your actual position as a bookmark.

Volume

Alter the volume of the voice commands.

Search

You can redirect your route by choosing a point of interest (POI), e.g., a petrol station.

When selecting a POI, there are 2 options; Navigate - which will cancel your current route and direct you to your chosen POI. Stop - Which will take you to your destination but will re-route you via the chosen POI.

Settings

Change the settings of your Personal Navigation Device as described on page 25.

Planning a trip

This section describes the trip planning feature. This feature allows you to plan your route in advance, choosing multiple stopovers along your journey.

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See page 20 for information about choosing elements on the map. See page 16 for information about finding and choosing addresses, POIs and locations inside a guide.

- Select option trip from the menu
- Click on create new trip
- Choose a start point, using the menu options previously covered.
- The Destination List will be displayed: With your start point at the top (the red flag with the white arrow identifies this as your start point)



- To add stopover, press the + (icon stopover points are shown by a grey flag). The Choose stopover: screen is called up. You may choose stopovers like your home or work addresses, a bookmark, a point of interest, a recent location, or you can search for an address or pinpoint a destination on the map.



Once you have added stopovers (with the + icon) and returned to the Destination List, you have several options:

- Use the + icon to choose additional stopovers.
- To change the order of the stopovers, select a stopover and then use the up and down arrows to move it up/down in the list. The last stopover is your destination and is indicated with a checked flag.
- Use the Trash icon to delete a selected stopover.

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Once you have chosen your route, you have several options. You can access these options by pressing the Menu icon (bottom right-hand corner of the screen).



- To simulate the planned route, press Simulate.
 - To start guidance, press Start Navi. The display will switch to the navigation map.
 - To calculate the route, press Routing. The Route Summary will be displayed. Tap on one of the items in the Route Summary to display the Waylist. Press the arrow style symbol to view this way point on the map.
 - To save the route as a favourite trip, press Save as (see page 23).
- **Tapping on one of the waypoint twice will result in your being asking if you want to remove waypoint.

Settings

You can configure your Personal Navigation Device to suit your needs. When it comes to navigating, you can, for example, choose to avoid or allow toll roads or ferries or select your mode of transportation, like a fast or slow car, a scooter or even your own feet. You can also edit several display settings, like 2D or 3D mode, day or night mode, map complexity, etc.

- In the main menu, press Settings.



General settings

- Choose General to change the general settings.
- The window with the general settings will be shown:



- To choose the language, press Language.
- To change the time zone, press Set time.
- To change the system of measurement, press the corresponding icon, until your desired option is shown.
- To show information about the application, press About.

Map settings

- Choose Map Options to change the map settings.
- The window with the map settings will be shown:



- To toggle between night and day modes, press the corresponding icon. By selecting Automatic, the mode will be chosen depending on the actual time.
- To select a map, press Maps. If you have map data for different regions/cities on your nand flash, tap on the name of the current region (e.g., London). All available maps on the nand flash will be listed. Choose the desired region by simply tapping on its name.
- To toggle between 2D and 3D modes, press the corresponding icon until your chosen option is shown.
- To optimise the map orientation during navigation, press Track Up. To keep the map oriented to the north, press North Up.
- To choose which kinds of POI are to be shown on the map, press Info Layers:



- Check the boxes of any category you want to have displayed on the map. Uncheck those that should be hidden.
- To apply your settings, press the Confirmation icon.
- To return to the previous screen, press the arrow.

Route options

- Choose Route Options to change the route options.

The window with the route settings will be displayed:



If you choose to avoid toll roads, you will not be guided through these zones. However, there will be no warning if you enter these zones accidentally.

Once you have chosen your settings, press the Confirmation icon to return to the main menu.

Mode of transportation – Overview

Fast – Assumes fast driving on highways. Choosing this option will slightly favour highways in the routing choice.

MAIN ELEMENTS

Slow – Assumes slower driving on highways. Choosing this option will reduce the preference for highways in the routing choice.

Bike – Takes into account bike paths and ignores highways where bikes are prohibited. Motorbike – Takes into account motorbike restrictions, where applicable.

Scooter – Takes into account scooter restrictions, where applicable.

Van – Takes into account van restrictions, where applicable.

Pedestrian – Provides true pedestrian routing including full access to one-way streets and pedestrian zones, where possible.

Volume

- To change the volume of voice commands, press Volume.



FREQUENTLY ASKED QUESTIONS

I can't find an address.

Please make sure you have correctly spelt your entry. If you do not know how an address is spelt correctly, simply enter the parts of the address, you know for sure (e.g., "Ista", "Taks" for Taksim Square in Istanbul). Then browse the results list and look for the address. Also make sure that the city in which you are looking for an address is correct. Sometimes the official postal address differs from the address you are looking for. In that case, search for a known address nearby and browse the map.

The map contains an error / POI s are missing.

If you detect an error in the map data (e.g., a street is missing completely), we would like to inform our map data provider.

I am experiencing problems getting GPS a fix.

If you have problems getting a satellite fix with GPS (you can see how many satellites are being received by going to the main menu and selecting GPS receiver), please make sure you are outside and the GPS antenna has good 'visibility' to the open sky. Some models also support an additional external active antenna. Please consult the hardware manual of your device to get further information on how to obtain a GPS fix.

Where can I get software updates?

Please contact the manufacturer or your retail store for information about software updates.

NOTES: