WHEREVER YOU GO

be·on·road

BE-ON-ROAD 3.7
USER GUIDE

www.beonroad.com

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1. SYSTEM REQUIREMENTS

1.1. Supported operating systems

- Windows CE 4.2, 5.0 or CE 6.0
- Windows Mobile 5.0, 6.0 or 6.5
- Android 2.1 and higher.

1.2. Hardware Requirements

- Supported basic screen resolutions: 320x240, 320x320 400x240, 480x320, 640x480, 800x480, 854x480, 960x540, 960x640, 1024x600, 1024x768 and 1280x720, 1280x800 in horizontal and vertical screen orientation and 480x272 which is available only in horizontal screen orientation.
- In case your device does not support the chosen screen resolution, the application chooses the closest lower resolution available.
- Min. 64MB RAM.
- Support of SD, SDHC or micro SD memory cards.
- Integrated GPS/GLONASS module.

Note: If you want to install the application on a memory card, it is recommended to format the card before you start.

2. INSTALLATION

The installation method varies by the operating system installed on the device:

Android

In case you have active internet connection in your device (we recommend using Wifi), choose installing the application using Google Play**.** Selection and installation of the application components will be available during the first start of the application.

In case you don't have active internet connection in your device, or if you want to download larger amounts of data, choose the **be-on-road wizard**.

Windows Mobile/CE

Use the **be-on-road wizard**.

iOS

Installation will be performed automatically after you purchase the application.

2.1. Installation using be-on-road wizard

Note: Installer is designed for PC with Windows XP, Windows Vista or Windows 7.

be-on-road wizard download

The actual version of **be-on-road wizard** installers can be found at http://www.beonroad.com/cs/support/download.

Please download the version suitable for the operating system of your device.

be-on-road wizard installation

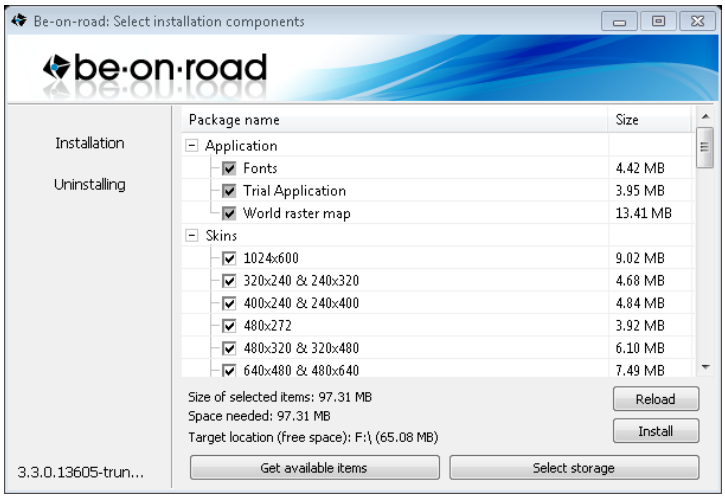
Run the downloaded file, choose a language, accept the license agreement, select the target location for the **be-on-road wizard** and run installation. Click **Finish** and run the **be-on-road wizard**.

Installing be-on-road on your device

Connect your device to the PC as a mass storage device. If you want to install the application on a memory card, insert your device into the memory card reader.

Select the installation location from the list of available storage devices. After you click the **Next** button you will be asked to enter your serial number (Note: you do not need serial number for the trial version of the application). When you enter the serial number, information about the application's available components will be downloaded.

Components required for the **be-on-road navigation** to function properly will be selected automatically. Select any other components as maps, other voices, skins, localization and click the **Install** button.



If you have all the requested items installed, you can close the **be-on-road wizard** by clicking the **Finish** button.
Now you can unplug the device/memory card from your computer.
If you have **Windows Mobile/CE** operating system on your device, find the folder that contains the **be-on-road** installation and run **be-on-road.exe**.
In case you have **Android** operating system on your device, open the file manager and find **be-on-road** folder. Run **be-on-road.apk** to install the application.
To launch the application use the **be-on-road** and **be-on-road updater icons** which can be found among other installed applications.

Uninstalling be-on-road

Connect your device to the PC as a mass storage device. If you have the application installed on a memory card, insert it into the memory card reader.
Run the **be-on-road wizard**, select the installation location from the list of available storage devices and click the **Next** button. Select all items you want to uninstall and click the **Uninstall** button. If you have the Android system on your device and wish to uninstall the application completely, it is necessary to do one more step:
Go to **Settings -> Applications -> Application manager -> be-on-road** and click the **Uninstall** button.

2.2. Installation using Google Play Store (Android)

Open **Play Store** on your device, search "**beonroad**" and install the "**GPS NAVIGATION BE-ON-ROAD**" application. Find be-on-road among installed applications and launch it. On some devices you will be asked to choose the installation directory.

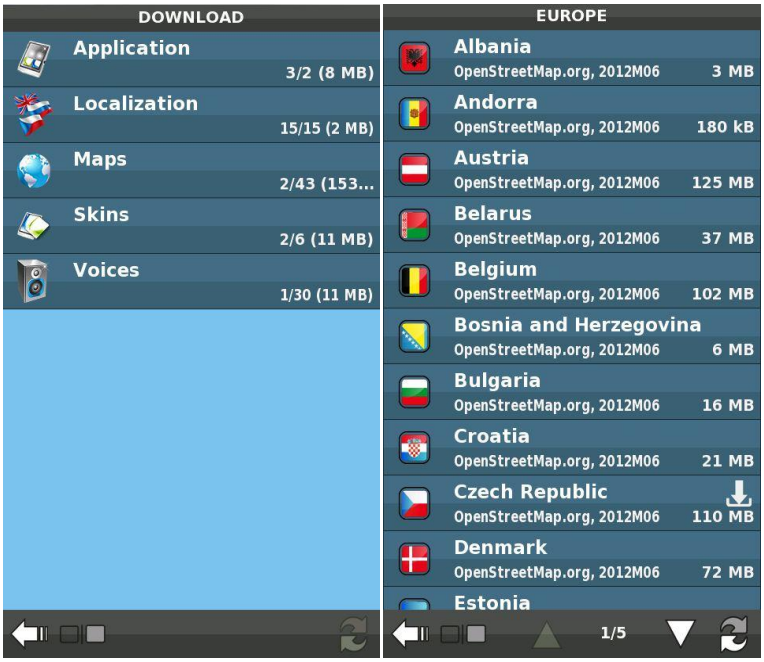
Due to higher amounts of downloaded data we recommend using **Wifi connection**.

Wait for the application to download and install mandatory data, which is necessary for the application to function properly. Select language, voice navigation speaker and, if you want to, register your email to receive newsletters and special offers. In the "**Serial numbers**" menu click "+" and enter the purchased serial numbers. You can come back to the "Serial numbers" menu any time you want by navigating through "**Options -> Buy and Get -> Serial numbers".**

After successfully activating your serial number you will continue to the "**Download**" menu, where you can decide which application components you wish to install. Components that are needed for be-on-road to function properly will be pre-selected and cannot be unselected. Other components, like maps, voices, skins and localizations, can be selected in their respective sections. Select maps you wish to install – you can only install maps with activated license (serial numbers).

Start downloading the selected components by clicking the button.

When the download is finished, close the "**Download**" menu and you can start using the application. If you attempt to exit the "**Download**" menu without having installed all the components that are needed for proper and complete functionality, you will be warned about the situation.
You can come back to the "Download" menu any time you want by navigating through "**Options -> Buy and Get -> Download".**



Uninstalling

To uninstall a component simply click the installed component to mark it for uninstall. Then just click the button and confirm your choices.

If you wish to uninstall the application completely, you must do one more step:

Go to **Settings > Applications > Manage applications > be-on-road** and click the **Uninstall** button.

3. PRODUCT ACTIVATION

You will receive the serial number after you purchase the product. This serial number must be activated (on iOS only for traffic information).
Always activate serial number for **application and maps** first. Other serial numbers (for traffic information, map updates) can be activated in **Options -> Buy and get -> Serial numbers.**

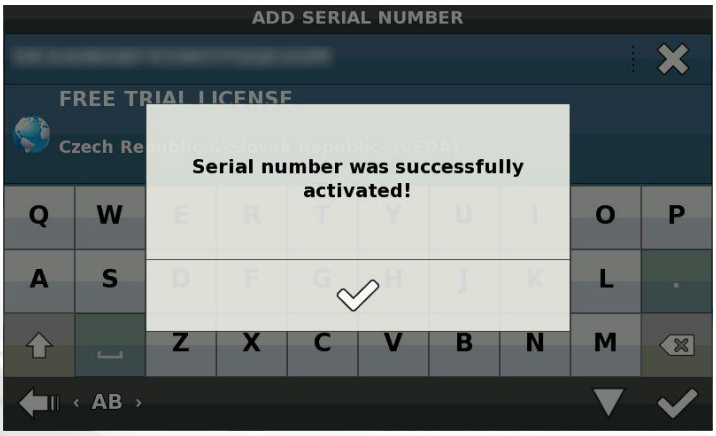
Serial number example: *ABC1D-E2FG3-HI45J-6K7L8*

Screen for entering the serial number in the application

You can activate the serial number from the application by the following ways:

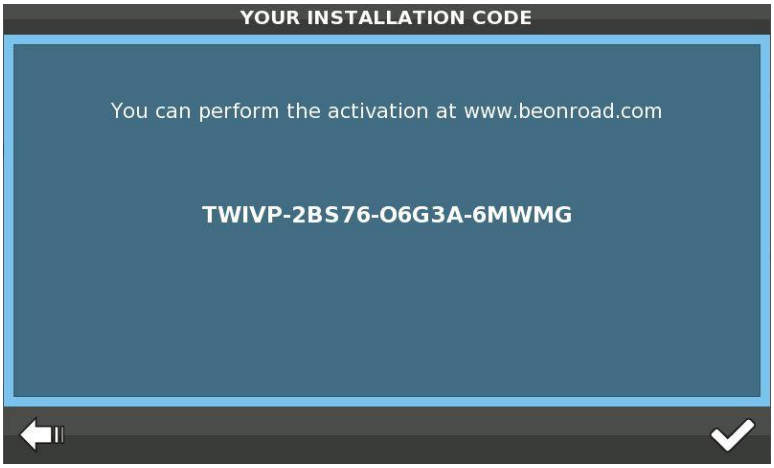
3.1. Directly from be-on-road

If you have an internet connection available in your device, the activation will be performed automatically. You will see the following window after successful activation:



3.2. Via internet

The application will generate **installation code** after entering a valid serial number. This **installation code** must be activated.
You can activate your installation code at http://www.beonroad.com



While activating the product via webpage you can simply enter the 20-character **installation code**.
In return, you will receive the **activation key**, which you can enter into the application.

Installation code is not a serial number. Installation code is generated by application after entering the serial number.

4. INTRODUCTION

be-on-road is a navigation software for mobile devices with preinstalled maps on device. It works with a road network and the current position of the device user to be navigated between two or more locations. The application is controlled by the touch screen of the device.

4.1. Important controls

Buttons

Some buttons can be clicked only in specific situations. For example **Route information** button is active only when there is some route planned already.

active button

inactive button

Back

Using this button returns the user to the previous screen. Holding this button for a longer period will get the user to the map. Both the **Back** button in the application interface and the hardware **Back** button can be used.

Navigate		**Search**	
Show keyboard		**Hide keyboard**	
Confirm		**Edit**	
Add		**Open/Import**	
Save		**Delete**	
Start		**Information**	
Operations with selected point		**Show/Hide all**	
Settings			

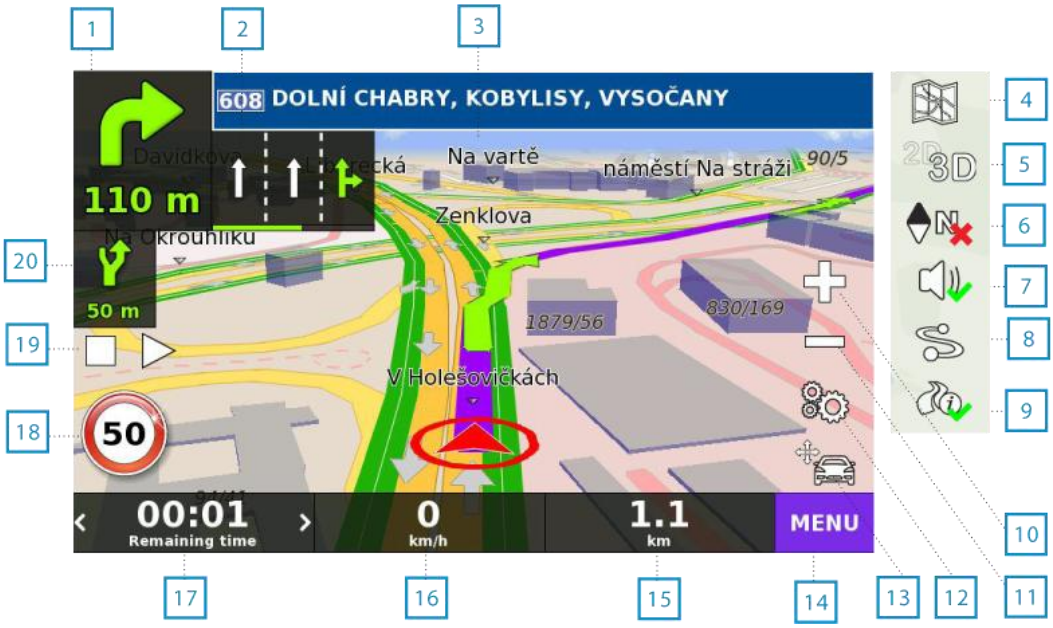
List scrolling

You can scroll through lists by doing one of the following:

- Use **Next** and **Previous** buttons;
- Move your finger over the touch screen of your device.

4.2. Map screen

Map screen is shown right after starting the application.



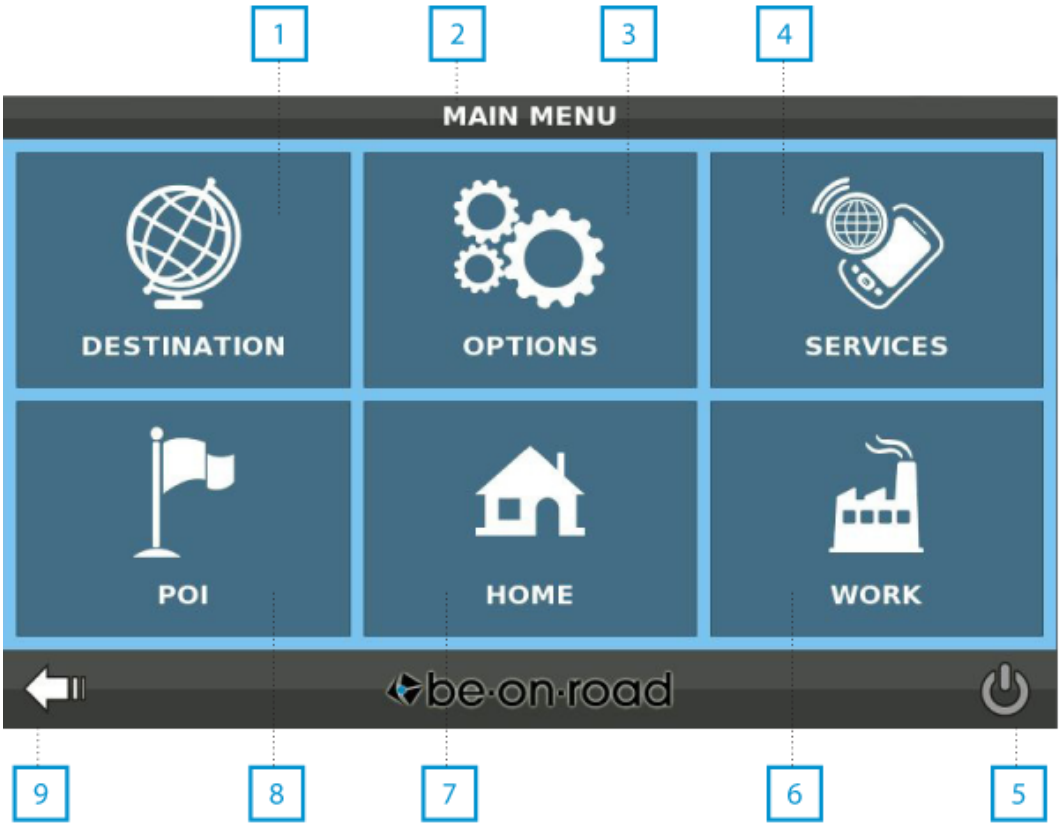
1	Current manoeuvre, distance to the current manoeuvre. Press for the route menu.
2	Lane guidance.
3	Signpost.
4	Map settings.
5	2D/3D view switch.
6	North mode on/off.
7	Sound on/off.
8	View planned route.
9	Turn on/off route planning according to traffic information.
10	Zoom in.
11	Zoom out.
12	Quick menu.
13	Map mode switch.
14	Main menu.
15	Distance to destination.
16	Current speed.
17	Time information (current time/arrival time/remaining time/delay).
18	Speed limit on current road (if available).
19	Simulation controls.
20	Following manoeuvre, distance to the following manoeuvre.

A number and position of elements on the map screen may vary according to the application mode, planned route etc.
Position of the items on the screen depends on the screen resolution.
If there is a strong enough **GPS/GLONASS** signal available, the arrow that shows your current position is black. Otherwise the arrow is red.

If you are using a trial version with 7 or less days remaining you will be notified after you start the application.

4.3. MAIN MENU

You can get to the main menu by clicking the MENU button in the right bottom corner of the map screen. The layout of the main menu screen looks like this:



1	Destination	**7**	Home
2	Current screen title	**8**	POI
3	Settings/Options	**9**	Display Map
4	Services		
5	Exit application		
6	Work		

5. ROUTE PLANNING

Note: After launching the application for the first time the route planning is set to include motorways and paid sections. If you want to avoid these sections, you must change the settings.

The route can be planned by several ways.

5.1. Find a destination

In main menu click **Destination**. Choose one of the available ways (see **Destination section**). If you did not choose **Route Planner**, a window will open after selecting a destination. In this window click the **Navigate** button.

5.2. Planner

Planner allows you to easily schedule more complicated routes (see **Destination > Route Planner**).

5.3. Route planning in map

5.3.1 Planning new route in map

Switch to free movement mode in the map. Find the point you want to work with in the map. If you touch the spot with your finger a point with actual position and a button for **Work with marked point** will be displayed.
Click on button **Work with marked point** and select **Add to route** in the menu. A list of different ways of adding the point to the route will be displayed:

Start
If you want to plan the route from your current position, do not select start point. When the start point is added, the application waits for other points to be added into the route. The route will be planned only after you add destination.

Waypoint
Adds places you want to pass through into the route.

“Around” waypoint
Special type of waypoint – the route does not necessarily have to go directly through the waypoint but should go through its vicinity.

Destination
When you add destination into the route, the application begins planning the route. If the start point is set, the route will be planned starting from that point. If the start point is not set, application plans the route from your current position. If the valid GPS signal is not available, the application waits until it is.

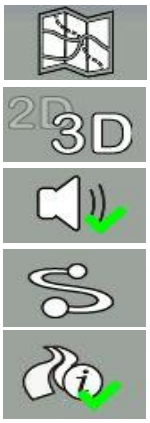
5.3.2 Editing the planned route in the map

If you add a start point into the map, the application asks you whether you want to edit your present route or if you want plan a new one.
If you choose to edit the current route, it will start from a new position and the application will automatically recalculate the route. If you choose to plan a new route, the application will cancel the current route and remove all points from the map. If you add a new waypoint or destination into the route, the route is automatically recalculated.

6. WORKING WITH THE MAP

6.1. Map modes

6.1.1 Quick menu



Map settings.

Switch 2D/3D display.

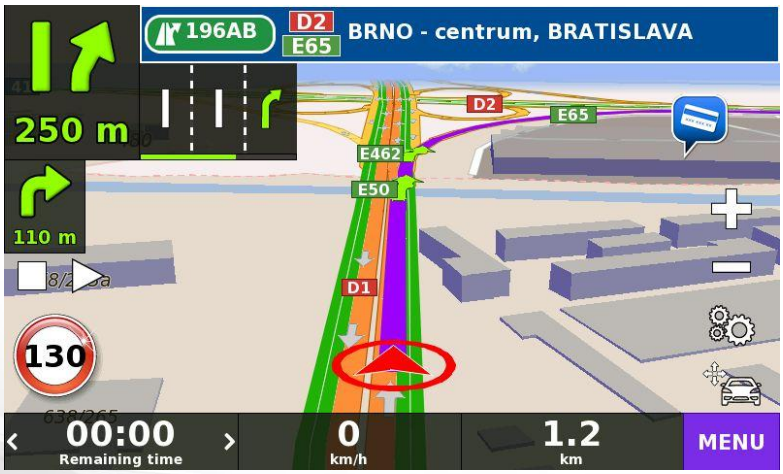
Turn on/off sound.

Display whole route

Turn on/off route planning according to traffic info

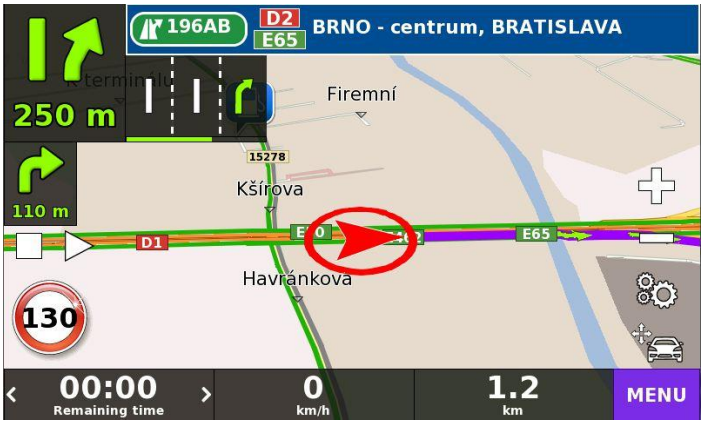
6.1.2 Navigation modes

In **Navigation mode** an arrow shows your position in the bottom part of the screen and the camera follows it in the map. If **Auto zoom** is enabled the view is changed according to your current speed and distance to the following maneuver.
In **Navigation mode** you cannot browse the map.
Each icon represents different navigation mode (**driver**, **pedestrian**, **helicopter, truck driver**). More information about navigation modes can be found in chapter **9.1.1 Route settings**.



6.1.3 The North mode

The application behaves similar to the navigation mode. The arrow showing your position is situated in the middle of the screen and the camera points constantly to the north. In the **North mode** you cannot browse the map.



6.1.4 Map browsing mode

In this mode you can browse the map by moving your finger over the touch screen. For example you can view the planned route in a more detailed way, look for POI (Points of Interest) and you can save these places into your Favorites. In this mode it is possible to plan the whole route in a map.

This mode can be activated by clicking the Map mode switch or by shifting the map in **Navigation** or **North mode**.

6.2. Selected map points

6.2.1 Blank spot on map

Once you click on a blank spot in the map an icon that marks the selected point appears. If it is close to a road a button for **Work with selected points** is shown and the user can execute following operations:

Navigate
Calculates a route from the current position to the selected point.

Add to route
Adds the selected point to the route.

Save point
Saves the position of the point as **Favorite**.

Search POI
Searches for POI near the selected point.

Block/Unblock segment
Blocks/Unblocks passage through selected section in map.

6.2.2 Existing object on the map

When you click on existing point in the map, actions that can be performed are based on the type of the selected object.

Start, Waypoint, Destination:
Remove: Remove point from route.

POI:
Navigate: Calculates route from the current position to the selected POI.
Add to route: Add POI to route. See **Route planning in map.**
Info: This option reveals information about POI.
Save point: Save POI as **Favorite location.**

Favorite:
Navigate: Calculates route from the current position to the selected **Favorite point.**
Add to route: Add point to route. See **Route planning in map.**
Info: Show information about **Favorite point.**
Remove: Remove **Favorite point.**

6.3. Route menu

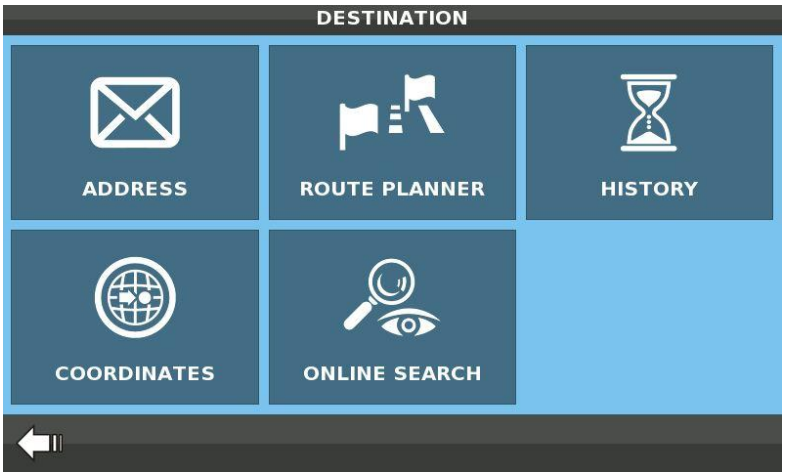
If you click on current maneuver icon after planning a route, a menu appears for quick work with the route. More detailed description of this menu is available in chapter 10.1.

6.4. Demo mode

Demo mode serves for a simulation of the route. You can let it show you the whole planned route as if you were actually driving it in reality.
To get to the **Demo mode** you need to plan a route that does not **Start from GPS position**. To start the demo you just need to click the **Play** button in the left part of the map screen.

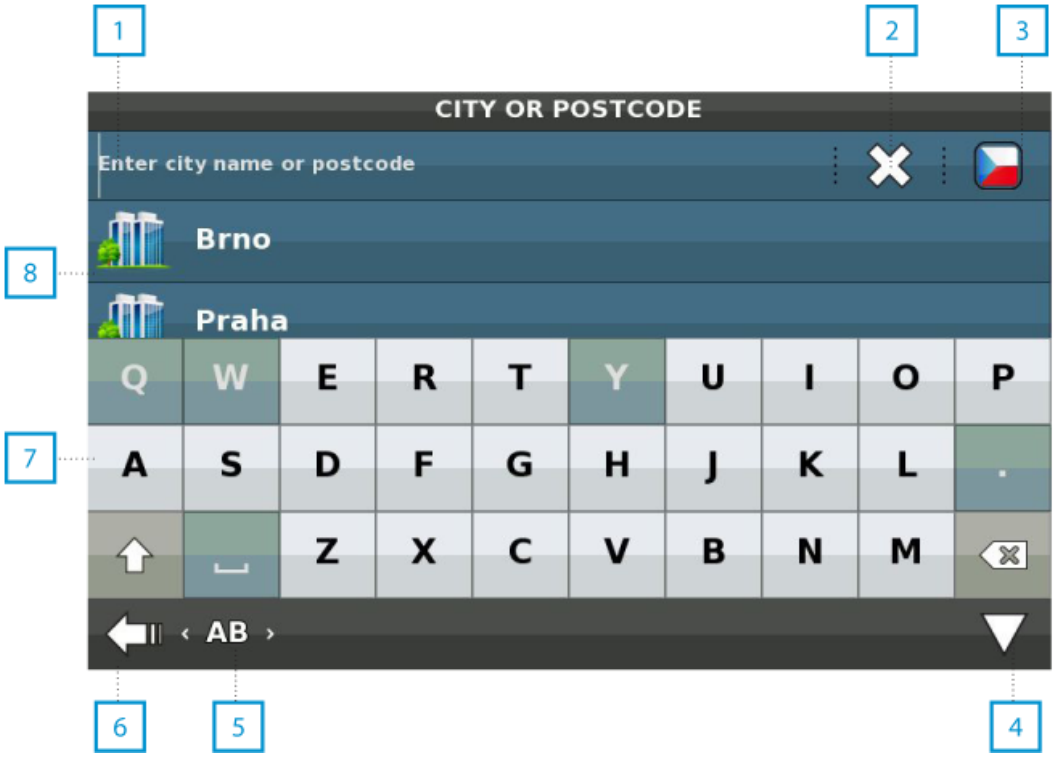
7. DESTINATION

In the **Main Menu** click the **Destination** button. Selection of options pops up. After choosing destination point - via one of options listed below - you will be prompted to choose what to do with selected destination. You can be navigated to it, show it in map or save it as **Favorite**.



Options for destination search are the following:

7.1. Address



1	Typing space.
2	Delete all characters.
3	Selection of country. List of countries is shown after clicking this button.
4	Hide keyboard.
5	Currently active keyboard/keyboard switch.
6	Back.
7	Smart keyboard.
8	Search results.

Note: If you have searched for the address before, check the search results. Previous search results are listed there with the most recent result on top, for current country.
After deleting the history or following the very first run of an application there will be all towns listed alphabetically.
If you start typing on keyboard, in results window there will be towns listed according to your search string.

If you want to search in different country than the one currently selected, click the flag icon and choose the desired country from the list.

After that, you can start entering the subject of the search. When you see its full name in the result list, click it. Following dialogs for street, house number or crossings selection are almost the same. If you don't know the street name you

can click on **Navigate** button in bottom right corner of the screen which will choose city center as your destination. Same button works for house number selection, where any point on the street will be used.

Note: You can also select a city using its postal code (zip code). Just switch to the numeric keyboard and start entering the post code of the desired city. Search using post code works on the same principals as search using city name.

7.2. Coordinates

First enter latitude coordinates.
N – North latitude
S - South latitude

After that enter the longitude coordinates:
W – West longitude
E – East longitude

Coordinates can be entered in the following formats:

Degrees° (49.169°) - format DD.ddddd
Degrees° Minutes' (49° 10.140') - format DD MM.mmm
Degrees° Minutes' Seconds" (49° 10'08.4") - format DD MM SS.sss

If you wish to navigate to the entered coordinates, the spot must not be further than 8 km from the closest road/path, otherwise the route will not be calculated.

7.3. Route planner

Route planner allows you to easily plan complicated and lengthy routes. Apart from start and destination such routes can include waypoints as well. Any type of destination mentioned in this chapter can be included to route and these types can be combined at will. To add a point to route just click the **Add** button and choose an appropriate destination type.

Further action can be taken for particular items. Clicking on item activates a menu with a list of actions that can be executed. Item can be moved up/down or deleted.
Any route can be saved and you can reload it later on.
If the starting position is **Start from GPS location**, the application calculates a route from your actual location (if valid GPS/GLONASS signal is available). If there is no valid GPS/GLONASS signal available the application will wait until there is.
Should you require starting from different location (e.g. address), the application calculates a route from the desired point, displays it on map where you can run **Simulation**.

7.4. History

History is a list of previously selected destinations.

7.5. Online searching

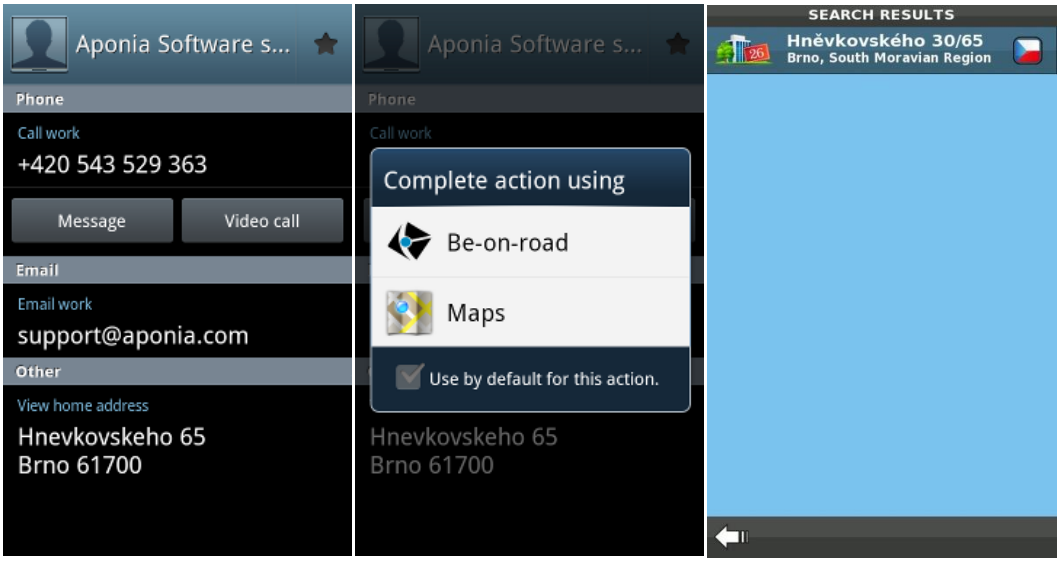
Note: This function requires an active internet connection. You will only pay for the data transfer to your operator according to your tariff.

Online search allows you to locate the geographical data which is not included in the map data. This function can be used for searching various POIs and addresses.
Found results can be used as a destination, displayed in the map or stored among Favorites.

7.6. Destination through contact list (Android)

Note: This function requires an active internet connection. You will only pay for the data transfer to your operator according to your tariff.

Android phones offer a possibility to choose your destination form your contact list. If you have be-on-road installed and you click on an address in your contact list, you will have the option to choose be-on-road from context menu. If you select be-on-road the application will launch and search for the desired destination.


Aponia Software s...
Phone
Call work
+420 543 529 363
Message
Video call
Email
Email work
support@aponia.com
Other
View home address
Hnevkovskeho 65
Brno 61700
Aponia Software s...
Phone
Call work
Complete action using
Be-on-road
Maps
Use by default for this action.
Hnevkovskeho 65
Brno 61700
SEARCH RESULTS
Hněvkovského 30/65
Brno, South Moravian Region

8. POI (POINTS OF INTEREST)

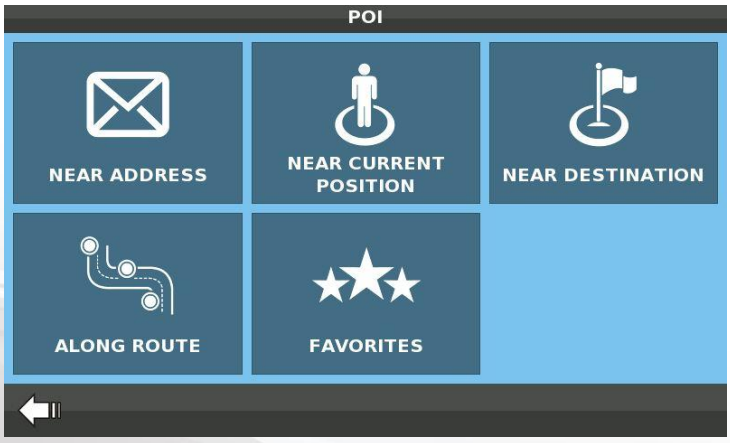
POI – Points of interest are interesting and important points in the map (airports, hospitals, shops, sights, gas stations…). For easier search they are divided in categories with subcategories.

8.1. POI searching

Choose one of the options described below to search the POI. It displays a list of categories that are available in the selected area. If the list is blank, no such POI is in the selected area. Choose a category and then a subcategory in which you want to search. You can skip the selection of category by clicking the **Search** button. List of found POIs will be shown. If there are too many results found, you can click the **Show keyboard** button and search the results by name.
In all POI categories (except Favorites) you can search faster by entering only one or a few letters of each word from the POI name.

For example: If you want to search for “Big Ben”, choose searching **Near address**, search for city of “London” and enter “B B”. When you hide the keyboard, you will see the following results:

POI search can be based on the following criteria:



8.1.1 Near address

Using this option, you can search for POI up to 500 km away from the selected address.

8.1.2 Near current position

Navigation searches the chosen POI category in the 500 km radius around your current position. If there is no valid GPS/GLONASS signal, the application will search in the last known valid position.

8.1.3 Favorites

Favorites is a special POI category, basically they are user´s POI. Any map point can be saved to its own category with any name.
After selecting a point in the map choose **Save Position** and select the desired type of **Favorites**.
Favorites can be also imported to the application. Further information on this topic can be found in **Edit Favorites**.

8.1.3.1 Favorites

In the **Favorites** section you can find your own categories of POI. Search is the same as with regular POI. New category can be added in the **Edit favorites** section**.**

8.1.3.2 Work and Home

Work and **Home** are special categories of **Favorites**. They are designed to allow quick access to most frequently used addresses.

8.1.3.3 Edit favorites

In this section you can add, edit and delete categories of **Favorites**. New **Favorites** can be imported in this section.

Adding a category

Click the **Add** button and select **Category**. Screen with a keyboard pops up. Delete the original text and enter your own category name. Click the **Confirm** button.

Should you want to change the icon of the category, select **Icon** and choose a picture.

Deleting and editing

Click the **Edit** button of the category you want to edit. In the following menu click the **Edit** button to open a screen that allows you to edit the category. Changing name or icon is executed the same way as when adding a new item.

By clicking the **Remove** button you can delete the selected category with all its contents**.**

Import

Import is used for saving complete POI categories into the application (radars, gas stations, ATMs etc...). Application allows you to import favorites in two different formats (**.TSV** and **.GPX**). Files in TSV format you can find for example on http://www.poiplaza.com. You can download files marked as **Be-on-road (tsv)** here. Files in GPX format are available for example on http://www.geocaching.com/.

Extract the downloaded files into the directory and copy them into **Favorites > Import**.

Click the **Open** button in **Edit favorites** menu and select categories which you want import. Import will start when you click on the **Submit** button. After finishing import, you can work with newly added categories as well as with other categories of Favorites.

8.1.4 Near destination

Search for POIs in the 20 km radius around the selected destination.

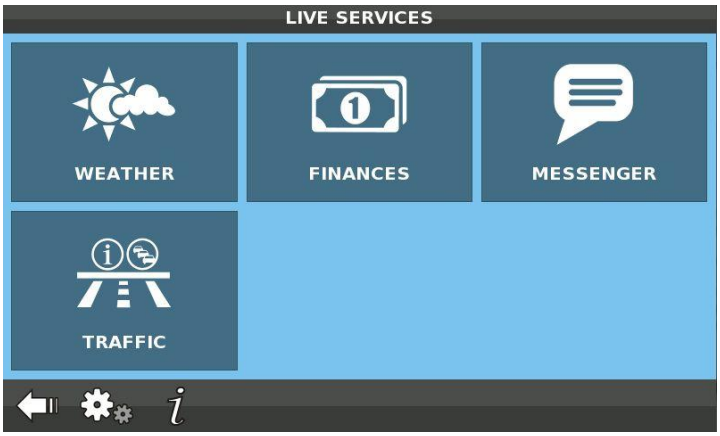
8.1.5 Along route

Search for POIs in up to 500 m distance along the planned route in the 500 km radius around your current position.

9. SERVICES

*Note: All services except **Traffic information** are free of charge. You will only pay for the data transfer to your operator according to your tariff.*

After running one of the services for the first time you will be asked to allow the application to connect to the internet in order to download data. If you allow the application to connect, the connection will be established automatically from now on. Connection settings can be adjusted via **Settings** button. To display the amounts of downloaded and outgoing data click the **Information** button (statistic data can be deleted by clicking **Remove**).



9.1. Weather

This service allows user to check weather in the desired location. Downloaded data include current weather and forecast for the next three days.
Location for weather forecast can be added via **Add** button. After confirmation the application downloads weather data in the selected area which can be added to a list that can be easily browsed afterwards. Locations can be removed via **Weather settings**.

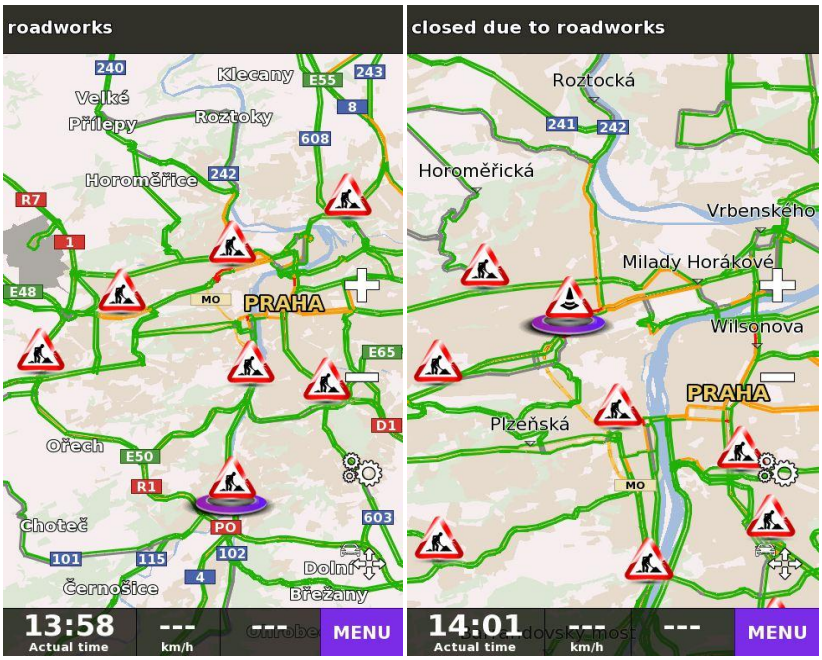
9.2. Finance

Finance service contains information about actual exchange rates for various currencies. After clicking **Add** button there is a list of available combinations of currencies. Choose currency in left and right column and press **Confirm** to download actual information. Combination entered is automatically added to a list of currencies which can be easily browsed. Such a combination can be removed via **Finance settings**.

9.3. Traffic

Note: You need buy activation license for requested areas.

Traffic information allows application to navigate according to the current traffic situation. Thanks to this feature you can avoid traffic jams and reach your destination faster.
Traffic data is transferred in TMC format over internet (GPRS). Unfortunately, the TMC format is only designed to cover a limited part of the road. Map is divided into fixed TMC road segments. Length of TMC road segment may be a few hundreds of meters (in a city) or a few kilometers (outside cities). Because of this limitation, it is not possible to mark the exact location of a traffic incident but the whole TMC segment is marked.



Levels of traffic loads:

Red	High traffic density
Orange	Increased traffic density
Green	Standard traffic density
Gray	Information not available

Displaying incidents:

Each incident is marked with one of the icons below.
Number of icons in map doesn't mean that there is the same number of incidents on the road. Icons are shown on the whole TMC segment where incident happened.

- traffic jams, the information concerning the flow of traffic

- accidents

-roadwork

-closures

-other traffic information

Note: By clicking the icon you can display the incident details (does not work if Navigation mode active)

9.3.1 Along route

Application will download and show traffic information along the planned route. Traffic information is updated periodically, which is set in Update timer or when leaving the downloaded corridor.
In case there is a section on the route where the traffic flow is slow the application will attempt to find an alternative route.
Note: Route planning according to traffic information can be enabled or disabled in Quick menu.

Traffic information
Enable/Disable automatic download of the traffic information along the planned route.

Update time (in minutes)
Amount of time after which the application will automatically download current traffic information.

Data time
Time of the last traffic data download.

Affected roads
Number of roads with available traffic information.

Status
Information about last downloaded data status.

9.3.2 Region preview

Downloads and displays traffic information in the selected region. Downloaded traffic information do not update automatically, are not used for navigating and after a while disappear from the map.

9.3.3 Settings

Download only areas with heavy traffic
Downloaded will be only traffic information about routes with reduced speed, in order to decrease the amount of transferred data.

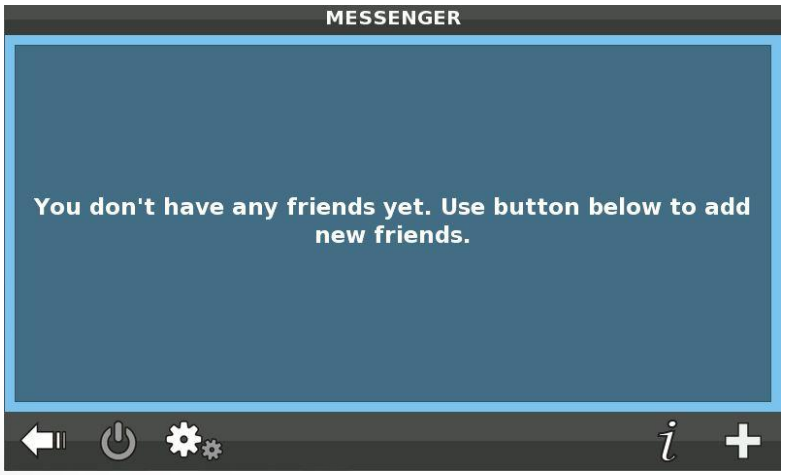
9.4. Messenger

Messenger is service that allows easy communication with friends. After a registration you can send messages to your friends or trace their location in the map. The advantage of communication through this application is that you will pay your provider only for transferred data.

After you start the service the window below will be displayed:

9.4.1 Login and registration

To use Messenger you must have a user account. If you are already a member, enter your login and password and click Confirm.
If you have no user account, click Add and fill in your registration data. Required data are only user name and password.
After a successful registration you can log in.



9.4.2 User account settings

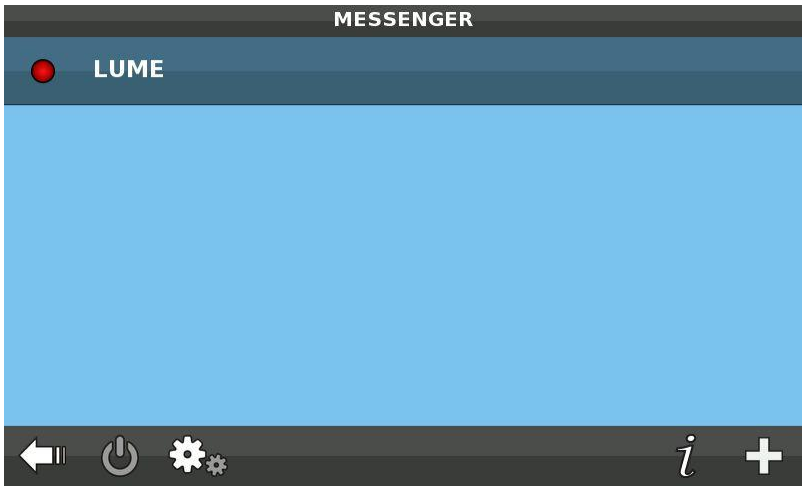
After you click on the Settings button you can edit your user account.

Send my position
This setting allows your friends to see your position in the map (if it is available)

Automatic login
If you enable this option you will not need to enter your user name and password every time you start Messenger.

9.4.3 Add friends

After you log in to your account click **Add**. Enter desired user name or its part and click **Enter**. A list of results will be displayed. You can send a friend request by clicking the user name. If the request is accepted the user appears in your friend list.



9.4.4 Accepting friend request

If you receive a friend request, it will appear next to **Information** (envelope icon). Blinking envelope appears beside the battery status indicator too.

Click on **envelope** button to display the window where you can accept or reject the friend request.

9.4.5 Writing a message

9.4.5.1 Send message

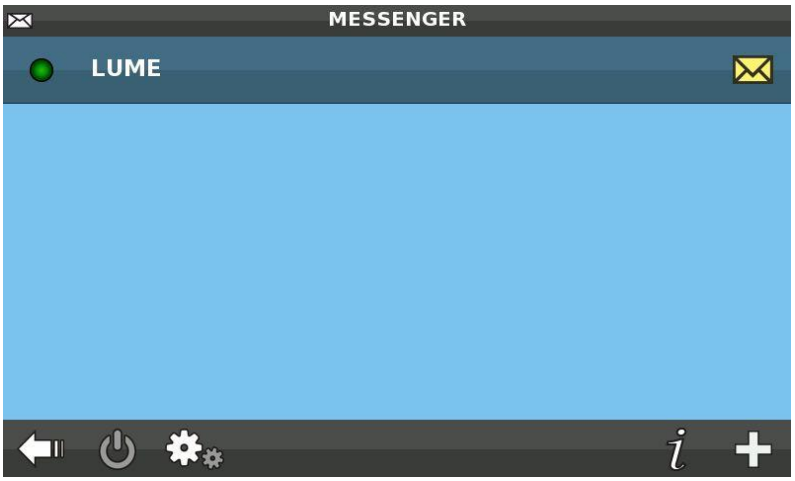
On your friend list select the user you want to send the message to. The window below will be displayed:

Click on **Send message**, after that on **Add**. Type a message and click the **Confirm** button. The message will be sent.

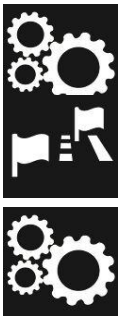
When you see the people you want to send a message to in the map, click on their icon, which changes **Work with selected point in the map** button into the button with message icon. Click this button to start conversation with the selected user.

9.4.5.2 Reading a message

An incoming message is indicated by an envelope icon on the name of the user that sent a message to you and the flashing envelope icon next to the battery indicator.



Click on the user that has the envelope icon displayed and then click the **Send message** button. Conversation with the selected user will be shown.



10. SETTINGS

10.1. Route

10.1.1 Route settings

In this section you can adjust settings concerning route planning.

10.1.1.1 Mode

10.1.1.1.1. Driver

The driver mode serves to navigate through the road network and to find the optimal route to your destination.

Highways
Enables or disables using highways in calculations and navigation.

Toll ways
Enables or disables using roads with toll in calculations and navigation.

Route type
The user can choose between the **Fastest** and the **Shortest** route. The fastest route uses highways and high-speed roads for navigation to maximize time efficiency. The shortest route uses any road that enables the driver to drive the shortest distance. This does not mean that the route will always be the shortest. If the application evaluates using highways as slightly longer, but significantly time saving, it will prefer navigating the user on a highway rather than along it on an inferior road.

10.1.1.1.2. Pedestrian

The pedestrian mode finds the shortest route available on a suitable route with maximum length of 10 km.

10.1.1.1.3. Helicopter

This mode serves to navigate through terrain (with snap to route disabled) or for directional guidance (no route calculated on road network) to the destination (with snapping to road enabled).

Snap to road
Enable/Disable snapping to route.

10.1.1.1.4. Truck driver

General settings are the same as in **Driver** mode. If you click **Truck settings**, advanced settings are displayed and you can specify the truck size, its weight, axle load, number of trailers and attributes of the cargo.

10.1.2 Cancel route

Cancel the planned route.

10.1.3 Itinerary

Easy-to-understand list of destinations and maneuvers. User can see in which street he needs to execute certain maneuver and the distance to another one.

10.1.4 Route information

This option provides information regarding the planned route. It displays information like the distance from destination, estimated time of arrival, time remaining before reaching the destination.

10.1.5 Route blocking

Function **Route blocking** can be used in case of traffic jams or if there is road maintenance in progress along the way. You can block whole sections in pre-set length of **1**, **3** or **10 km** in front of your vehicle. Own value can be entered by clicking the **Custom** button (from 1 to 20 km) with further setting of distance of blocking from your vehicle (0 to 50 km).

10.1.6 Route recording

This option enables user to record the whole route for future references, e.g. playback on computer. The application records details like locations, speed, altitude etc.

10.1.6.1 Recording

Press the **Start** button and choose a name for the recorded route. Recording is indicated by the **Recording** icon displayed in the map. After confirmation the application checks for a valid GPS/GLONASS signal. If there is a signal available, recording starts immediately. If not, the application waits for signal reception. Recording is paused once the GPS signal gets lost or weakens.
Recording can be paused, continued or stopped at any time with the use of **Pause** and **Stop** buttons**.**

10.1.6.2 Recorded route actions

Click on the **Routes** button and then on the route you want to work with.

Play
This option displays the recorded route in map. The route can be removed from the map by clicking the **Hide route** button in the **Route recording** menu.

Edit
This option opens a window for editing of the recorded route. User can change the route name or add a commentary.

Export
Transfers route to the selected format. There are two basic formats available: **KML** and **GPX**.

Route import to PC
Prior to exporting the route to a PC it is required to transfer it to the appropriate format. Connect your device or memory card to a PC and the saved routes are to be found in **Tracks/KML** or **Tracks/GPX** directories (depending on the file extension chosen in **Export**).
Route can be played back using various applications or on-line services (e.g. Google Earth or Google Maps).

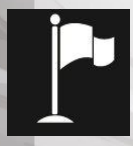
Remove
Removes the selected route.

10.2. Map

This option enables user to set visibility of various elements in map.

10.2.1 Map List

Click **Map List** to display a list of available maps. If any map in this list is marked with an arrow icon at the right edge of the screen it means that more versions of this map (from different map providers) are available for you to use. Click the map name the display a list of available versions.



10.2.2 POI

This option enables/disables visibility for various categories and subcategories of POI in the map. After clicking on a category you can choose items you want to show/hide in the map. **Show/hide all** turns on/off displaying all the items within a category.

10.2.3 Favorites

Shows or hides categories of **Favorites** in map.
Show/hide all turns on/off displaying all the items within a category.

10.2.4 Labels

Towns/Cities
It shows/hides names of towns and cities.

Roads
This option shows/hides labels on roads.

Areas
Area labels can be shown or hidden with this option.
Areas are certain locations in map, e.g. hospitals or university campuses.

Size
Sets size of the labels in navigation mode.

10.2.5 Objects

Signposts
Enable/Disable displaying of signposts on map screen.

Lane guidance
Enable/Disable displaying of lane guidance.

3D buildings
Enable/Disable displaying of 3D buildings.

10.2.6 Settings

Automatic zoom
Automatic zoom helps maintain awareness of the route. At higher speeds the camera zooms out giving you an overview of a longer part of the route ahead. For example: if you slow down before an intersection the camera zooms in, so you can have a closer look at the situation and know exactly where to go.

10.3. Appearance

10.3.1 Wallpaper

There are two sets of wallpapers (backgrounds) available, one for day and one for night mode. By clicking on **Day** or **Night** buttons you can access the selection of available designs.

10.3.2 Day/Night mode

Two modes of visual appearance are available in the application.
In the day mode bright colors are used in order to provide clear visibility of the map and buttons.
Night mode can be used for driving in dark environment and there are less bright colors used not to distract the driver at night.
The application supports automatic switching between these two modes. Based on location and time it calculates sunrise and sunset and automatically switches between these two modes so you do not have to worry about anything.

Day/Night mode
Turns on/off automatic switch for day and night modes.
Current mode
Application mode that is currently in use.
Sunrise / Sunset
Calculated time of sunrise and sunset. Data is relevant only if valid GPS/GLONASS signal is available.

10.3.3 Backlight

Sets backlight of the screen of your device. This value is set separately for day and night mode.

10.3.4 Map styles

Pre-defined color styles for displaying maps.
Meaning of colors (from left to right):

- Background color
- Town color
- Forest color
- The first class roads color

10.3.5 Rotation

Rotation enables switching between portrait and landscape mode. If the device is equipped with sensors to determine the orientation of the screen you can specify whether to rotate the screen automatically or set one of the options as default.

Automatic rotation
Enable/Disable automatic rotation.

Current mode
Manual setting of screen orientation. Sets the screen orientation to vertical or horizontal and saves the settings. Enabling this feature will disable the orientation sensors of the device.

Note: On devices with screen resolution 480x272 pixels only horizontal screen orientation is supported.

10.4. System

10.4.1 Sound

Volume
Adjust volume of the voice guidance and other notifications. A sound will be played if you click on **Play** button. Volume can be also adjusted by using the hardware buttons of your device.

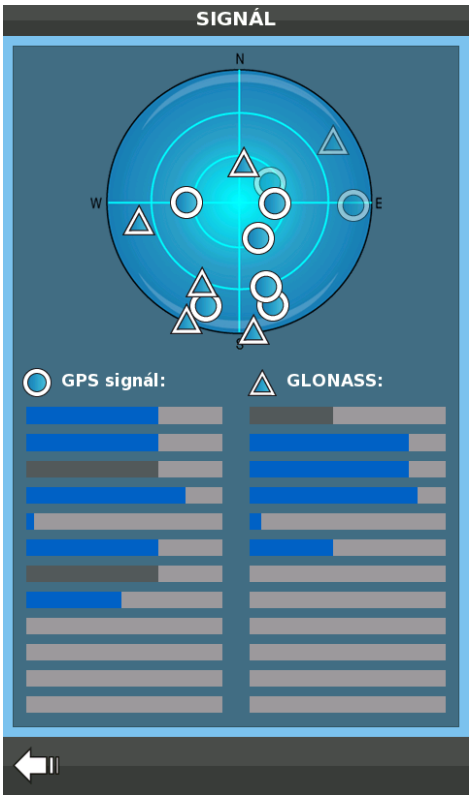
Automatic volume
Volume level is automatically adjusted based on current speed.

Mute
Turn on/off all sounds in application.

Output (only Android devices)
It is possible to select audio output channel. You can choose between **Media** channel and **Notifications** channel.

10.4.2 Signal

Application supports two satellite systems – GPS and GLONASS. If you have a phone which supports both systems the application will use data from both systems automatically and it will get position with the best accuracy possible.
The first screen shows information about received data and your position.
By clicking Settings you can open a screen that allows you to change your GPS/GLONASS settings.
If you press the button with satellite icon you will see the second screen with information about available GPS/GLONASS satellites.
GPS satellites are shown as circles, GLONASS satellites as triangles. If satellite mark is transparent the satellite is not being used for calculating your position.
This dialog also shows information about signal strength of each satellite. Blue color means that the satellite is being used for calculating your position and grey color means that the satellite is not being used for any calculations.



10.4.3 Local settings

Language settings, navigation voice, used units and time zone.

Language
Language and text output settings. You can choose between 15 languages.

Voice
Voice output settings (maneuver reporting). You can choose between 17 languages and 23 speakers.

Units
Choose between metric and imperial (fleet/yard) units. This option is only active for some voices.

Automatic time zone
Select the time zone automatically according to the current position. If the setting is off, you must specify the time zone and whether it is winter or summer time.

10.4.4 About

This section contains information regarding software version.

10.5. Alerts

10.5.1 Speed limit

Display
If enabled, information about speed limit in the current location is displayed by an icon on the map screen (if the information is available). If speed limit tolerance is exceeded, icon starts blushing.

Sound warning
If enabled, the navigation will alert you with sound when speed limit tolerance is exceeded.

Tolerance
It is the percentage value of how much it is possible to exceed the speed limit before navigation starts alerting you.

10.5.2 POI alerts

Warnings can be used for various categories of your **Favorites** (e.g. stationary radars – read more in **Edit favorites** section). For each category you want to be notified about during your way just set the value to **YES**. If you want to be notified about all/any of favorite categories use **Show / Hide all**. Distance which the application notifies you at depends on your current speed. At speeds up to 50 km/h you will be notified 100m in advance, at speeds up to 100 km/h – 200 m in advance and finally at speeds above 100 km/h - 300 m in advance.

10.6. Buy and Get

10.6.1 Serial numbers

Information on serial numbers currently used. Pre-defined serial numbers for trial versions of the application are available here.
You can add a serial number by clicking **Add**.
You can delete expired serial numbers by clicking **Remove**.

10.6.2 Download

The dialog contains information about installed application components and management of the installed components.

Each section shows the number of available items and the number and total size of the installed components in the section. If there are items chosen to be installed/updated/uninstalled in any section, an icon appears near the section name indicating the selected action and number of items to be affected by the action.

The meaning of the icons is the following:

Selected component is going to be downloaded and installed

The component is installed

Selected component is going to be uninstalled

To perform all the selected actions click the button.