# **User Manual**

Navigation software for the Mappy PND

UK English April 2013, ver. 1.0 Thank you for choosing the Mappy PND as your navigator. Start using Mappy PND right away. This document is the detailed description of the navigation software. You can easily discover Mappy PND while you are using it; however, we still recommend that you read this manual to fully understand the screens and features.

# **Table of contents**

1 Warnings and Safety information	6
2 Getting started	7
2.1 Navigation menu	8
2.2 Buttons and other controls on the screen	9
2.2.1 Using keyboards	
2.2.2 Beyond single screen tap	
2.3 Map screen	
2.3.1 Navigating on the map	
2.3.2 Position markers	
2.3.2.1 Vehimarker and Lock-on-Road	
2.3.2.1 Vehimarker and Ebect-on-Rodat	
2.3.3 Objects on the map	
2.3.3.1 Streets and roads	
2.3.3.2 Turn preview and Next street	
2.3.3.3 Lane information and Signposts	
2.3.3.4 Junction view	
2.3.3.5 Motorway exit services	
2.3.3.6 3D object types	
2.3.3.7 Elements of the active route	
2.3.4 Manipulating the map	
2.3.5 Quick menu	
2.3.6 Checking the details of the current position (Where Am I?)	
3 On-road navigation	25
3.1 Selecting the destination of a route	
3.1.1 Combined Search	
3.1.1.1 Combined Search - Navigating to a recent destination (History)	
3.1.1.2 Combined Search - Navigating to a Favourite destination	
3.1.1.3 Combined Search - Navigating to an address	
3.1.1.4 Combined Search - Navigating to an intersection	
3.1.1.5 Combined Search - Navigating to a Place of Interest	
3.1.1.6 Combined Search - Navigating to a Place of Interest by its category	
3.1.2 Entering an address or a part of the address	
3.1.2.1 Entering an address	
3.1.2.2 Entering the midpoint of a street as the destination	
3.1.2.3 Selecting an intersection as the destination	
3.1.2.4 Selecting a city/town centre as the destination	
3.1.2.5 Entering an address with a postal code	
3.1.2.6 Tips on entering addresses quickly	
3.1.3 Selecting the destination from the Places of Interest	
3.1.3.1 Quick search for a Place of Interest	
3.1.3.2 Searching for a Place of Interest using preset categories	

3.1.3.3 Searching for a Place of Interest by category	
3.1.3.4 Searching for a Place of Interest by name	
3.1.3.5 Selecting nearby assistance from 'Where Am I?'	
3.1.4 Selecting a map location as the destination	
3.1.5 Selecting the destination from your Favourites	
3.1.6 Selecting one of the most likely destinations (Smart History)	
3.1.7 Selecting a recent destination from the History	
3.1.8 Entering the coordinate of the destination	
3.1.9 Building a route from the list of destinations (Create Route)	59
3.2 Viewing the entire route on the map	60
3.3 Checking route parameters and accessing route related functions	60
3.4 Modifying the route	61
3.4.1 Selecting a new destination when already having a route: New Route, Destination	• •
3.4.2 Setting a new starting position for the route	
3.4.3 Editing the list of destinations (Edit Route)	64
3.4.4 Pausing the active route	65
3.4.5 Cancelling the active route	65
3.4.6 Checking route alternatives when planning the route	65
3.4.7 Checking route alternatives for an existing route	66
3.4.8 Changing the vehicle used in route planning	
3.4.9 Changing the road types used in route planning	69
3.5 Saving a location as a Favourite destination	
3.5.1 Editing the details of a Favourite destination	
3.6 Saving a map location as an alert point	71
3.7 Editing an alert point	
3.8 Watching the simulation of the route	
4 Off-road navigation	
4.1 Selecting the destination of the route	75
4.2 Navigating in off-road mode	
5 Reference Guide	76
5.1 Concepts	
5.1.1 Smart Zoom	
5.1.2 Daytime and night colour themes	
5.1.3 Tunnel view	
5.1.4 Route calculation and recalculation	
5.1.5 Green routing	
5.1.6 Road safety cameras and other proximity alert points	
5.1.7 Speed limit warning	
5.1.8 Battery and GPS position quality indicators	
5.1.9 Traffic information in route planning	

5.1.9.1 Historical traffic	
5.2 'More' menu	83
5.3 Settings menu	84
5.3.1 Sound and Warnings	85
5.3.2 Customise Quick menu	87
5.3.3 Traffic settings	87
5.3.4 Route settings	88
5.3.5 User profiles	
5.3.6 Map settings	
5.3.7 Visual guidance settings	94
5.3.8 Display settings	95
5.3.9 Regional settings	95
5.3.10 Trip monitor settings	96
5.3.11 Log collection settings	96
6 Glossary	97
7 End User Licence Agreement	99
8 Copyright note	105

# **1** Warnings and Safety information

The navigation system helps you find your way to your destination with the built-in GPS receiver. Mappy PND does not transmit your GPS position; others cannot track you.

If you accept it when first using the application, Mappy PND collects usage information and GPS logs that may be used for improving the application and the quality and coverage of maps. The data is processed anonymously; no one will be able to track any personal information. If you change your mind later, you can enable or disable the log collection in Settings (page 96).

It is important that you look at the display only when it is safe to do so. If you are the driver of the vehicle, we recommend that you operate Mappy PND before you start your journey. Plan the route before your departure and stop if you need to change the route.

You must obey the traffic signs and follow the road geometry. If you deviate from the recommended route, Mappy PND changes the instructions accordingly.

Never place Mappy PND where it obstructs the driver's view, where it is in the deployment zone of an airbag or where it might cause injuries in an accident.

For more information, consult the End User Licence Agreement (page 99).

# **2** Getting started

Mappy PND is optimised for in-car or pedestrian use. There is no need to use a stylus. You can use it easily by tapping the screen buttons and the map with your fingertips.

When using the navigation software for the first time, an initial setup process starts automatically. Do as follows:

1. Select the written language of the application interface. Later you can change it in Regional settings (page 95).



3. You are now asked whether you allow the software to collect usage information and GPS logs that may be used for improving the application and the quality and coverage

of maps. Tap to allow the anonymous statistics or disable this function. Later you can turn them on or off individually in Log collection settings (page 96).

4. The Configuration wizard starts. Tap



5. Select the language and speaker used for voice guidance messages. Later you can change it in Sound and Warnings settings (page 95).

	Deutsch male Stefan v229228	Natural Voice Street names not announced	
	Deutsch female Katrin v229228	Natural Voice Street names not announced	
	English (UK) female Kate v229228	Natural Voice Street names not announced	_
AK AK	English (UK) male James v229228	Natural Voice Street names not announced	*
•	🗲 Back	✓ Next	

6. If needed, modify the time format and unit settings. Later you can change them in Regional settings (page 95).

Distance	Kilometres/metres	
Fuel Economy	l/100 km	
Weight	Metric Ton	_
Currency	¢	v
🔶 Back	🗸 Nex	t

7. If needed, modify the default route planning options. Later you can change them in Route settings (page 88).

Vehicle	Car	
Navigation Mode	On-road	
Route Planning Method	Fast	_
Hotorways		v
🔶 Back	Vext	

8. The initial setup is now complete. The Configuration wizard can be restarted later from the Settings menu (page 84).

After the initial setup, the Navigation menu appears and you can start using Mappy PND.

## 2.1 Navigation menu

You can reach all parts of Mappy PND from the Navigation menu.



You have the following options:

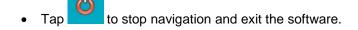
Q Destination

• Tap \_\_\_\_\_\_ to select your destination by entering an address or selecting a place of interest, a location on the map or one of your Favourite destinations. You can also look up your recent destinations from the Smart History or enter a coordinate.

Route Options

- Tap \_\_\_\_\_\_ to display the route parameters and the route in its full length on the map. You can also perform route-related actions such as editing or cancelling your route, setting a start point for the route, picking route alternatives, avoiding parts of the route, simulating navigation or adding the destination to your Favourites.
- Tap More...
   to simulate demo routes or to run some additional applications.

- Tap to customise the way the navigation software works.
- Tap \_\_\_\_\_\_ to start navigating on the map. The button itself is a miniature live map that shows your current position, the recommended route and the surrounding map area. Tap the button to enlarge the map to the full screen.



# 2.2 Buttons and other controls on the screen

When you are using Mappy PND, you usually tap buttons on the touch screen.

You only need to confirm selections or changes if the application needs to restart, it needs to perform a major reconfiguration, or you are about to lose some of your data or settings. Otherwise, Mappy PND saves your selections and applies the new settings without confirmation as soon as you use the controls.

Туре	Example	Description	How to use it
Button	Q Destination	Tap it to initiate a function, to open a new screen, or to set a parameter.	Tap it once.
Button with value	Viewpoint Normal	Some buttons display the current value of a field or setting. Tap the button to change the value. After the change, the new value is shown on the button.	Tap it once.
Icon	Distance 16.9 km	Shows status information.	Some icons also function as a button. Tap them once.
List	Deutsch	When you need to select from several options, they appear in a list.	Grab the list anywhere and slide your finger up or down. Depending on the speed of the sliding, the list will scroll fast or slow, only a bit or till the end. Alternatively, move between pages with the and buttons and tap the value that you want.

Radio button		When there are only a few choices, radio buttons may be used instead of lists. Only one value can be selected.	Tap one of the buttons to select a new value.
Switch		When there are only two choices, a checkmark shows whether the feature is enabled.	Tap it to turn the switch on or off.
Slider		When a feature can be set to different values in a range, Mappy PND shows an indicator on a gauge that displays and sets the value.	<ul> <li>Drag the handle to move the slider to its new position.</li> <li>Tap the slider where you want the handle to appear; the thumb jumps there.</li> </ul>
Virtual keyboard	Constant Coquelin (Avenue) q w e r t y u I o p a s d f g h j k I ☆ z x c v b n m 123 ← Back	Alphabetic and alphanumeric keyboards to enter text and numbers.	Each key is a touch screen button.

# 2.2.1 Using keyboards

You only need to enter letters or numbers when you cannot avoid it. You can type with your fingertips on the full-screen keyboards and you can switch between various keyboard layouts, for example English, Greek or numerical.

Task	Instruction
Switching to another keyboard layout, for example from an English keyboard to a Greek keyboard	Tap the button and select the new keyboard layout from the list.
Correcting your entry on the keyboard	Tap to remove the unneeded character(s). Tap and hold the button to delete several characters or the entire input string.
Entering a space, for example between a first name and a family name or in multi-word street names	Tap the button at the bottom centre of the screen.

Entering upper and lower case letters	When entering a text, the first character appears in upper case
	while the rest of the text is in lower case. Tap to enter an upper case letter or tap twice to turn on Caps Lock. Tap again and lower case letters return.
Entering numbers and symbols	Tap to switch to a keyboard offering numeric and symbol characters.
Finalising the keyboard entry (accepting the suggested search result)	Тар 🧹
Finalising the keyboard entry (opening the list of search results)	
Finalising the keyboard entry (saving your input)	Tap Done
Cancelling the keyboard entry (returning to the previous screen)	Tap Back

# 2.2.2 Beyond single screen tap

You usually need to tap the screen only once. However, some useful features can be accessed with combined touch screen tapping. Those are the following:

Action	Details
Tapping and holding the screen	Tap and keep pressing the following buttons to reach extra functions:
	<ul> <li>Tap and hold and the second on list and menu screens: the Map screen appears.</li> </ul>
	• Tap and hold any of the , , , , , , , , , , , , , and
	buttons on the Map screen: you can rotate, tilt or scale the map continuously.
	<ul> <li>Tap and hold on keyboard screens: you can delete several characters quickly.</li> </ul>
	<ul> <li>Tap and hold or in long lists: you can scroll pages continuously.</li> </ul>

Gestures (drag&drop)	<ul><li>You need to drag and drop the screen only in cases like:</li><li>Moving the handle on a slider.</li></ul>
	<ul> <li>Scrolling the list: grab the list anywhere and slide your finger up or down. Depending on the speed of the sliding, the list will scroll fast or slow, only a bit or till the end.</li> </ul>
	<ul> <li>Moving the map in map browsing mode: grab the map, and move it in the desired direction.</li> </ul>

# 2.3 Map screen

# 2.3.1 Navigating on the map

The Map screen is the most frequently used screen of Mappy PND.

A small live map is displayed on the Navigation menu, as a part of the \_\_\_\_\_\_ Show Map



To enlarge this small map and open the Map screen, tap

This map shows the current position (the Vehimarker, a blue arrow by default), the recommended route (an orange line), and the surrounding map area.

When there is no GPS position, the Vehimarker is transparent. It shows your last known position.

You see coloured dots circling around a satellite symbol in the top left corner. The more green dots you see, the closer you are to get the valid GPS position.



When GPS position is available, the Vehimarker is displayed in full colour, now showing your current position.



There are screen buttons and data fields on the screen to help you navigate. During navigation, the screen shows route information.

The button gives quick access to frequently used functions. You can change the available functions in Settings.

By default, only one data field is displayed in the bottom right corner. Tap this field to see all route data fields. Tap any of the data fields to suppress others and display only the selected one.



The data fields are different when you are navigating an active route and when you have no specified destination (the orange line is not displayed).

Default data fields when cruising without a destination (tap and hold any of the fields to change its value):

Field	Description	
Speed 61 km/h	Shows your current speed given by the GPS receiver.	
Speed Limit <b>70</b> km/h	Shows the speed limit of the current road if the map contains it.	
Time 17:11	Shows the current time corrected with time zone offset. The accurate time comes from the GPS satellites, and the time zone information comes from the map or it can be set manually in Regional settings.	
	(The current time is always displayed in the top left corner of menu screens.)	

Default data fields when navigating a route (tap and hold any of the fields to change its value):

Field	Description	
	Shows the distance you need to travel on the route before reaching your final destination.	

Time Left <b>0:16</b>	Shows the time needed to reach the final destination of the route base on information available for the remaining segments of the route.	
	The calculation cannot take into account traffic jams and other possible delays.	
	Historical traffic data can also be taken into account if data is available.	
Arrival Time 17:22	Shows the estimated arrival time at the final destination of the route based on information available for the remaining segments of the route.	
	The calculation cannot take into account traffic jams and other possible delays.	
	Historical traffic data can also be taken into account if data is available.	

# 2.3.2 Position markers

## 2.3.2.1 Vehimarker and Lock-on-Road

When your GPS position is available, Mappy PND marks your current position with the Vehimarker. By default, this marker is a blue arrow, but you can change this icon in Settings.

The exact location of the Vehimarker depends on the vehicle type used for route calculation and the navigation mode. Both can be set in Route settings (page 88).

- If you choose pedestrian and/or off-road navigation: The Vehimarker is at your exact GPS position. The direction of the icon shows your current heading.
- In all other cases: The Vehimarker may not show your exact GPS position and heading. If roads are near, it is aligned to the nearest road to suppress GPS position errors, and the direction of the icon is aligned to the direction of the road.

## **2.3.2.2** Selected map location (Cursor) and selected map object

You can mark a map location in the following ways:

- Tap the map when navigating,
- Tap the map when you are asked to confirm the destination at the end of a search, or
- Tap the map in Find on Map (page 54)

When a map location is selected, the Cursor appears at the selected point on the map. The

Cursor is displayed with a radiating red dot (  $\bigcirc$  ) to make it visible at all zoom levels.

The location of the Cursor can be used as the destination of the route, a new alert point, you can search for Places around it, or you can save this location as one of your Favourite destinations.

You can also select some of the objects on the map. If you tap the map at the icon of a Place of Interest or an alert point, the object will be selected (you see a red circling border around the object), and you can get information about this object or use it as a route point.

# 2.3.3 Objects on the map

### 2.3.3.1 Streets and roads

Mappy PND shows the streets in a way that is similar to how the paper road maps show them. Their width and colours correspond to their importance: you can easily tell a motorway from a small street.

## 2.3.3.2 Turn preview and Next street

When navigating a route, the top section of the Map screen shows information about the next route event (manoeuvre) and the next street or the next city/town.



There is a field in the top left corner that displays the next manoeuvre. Both the type of the event (turn, roundabout, exiting motorway, etc.) and its distance from the current position are displayed.

A smaller icon shows the type of the second next manoeuvre if it is near the first one. Otherwise, only the next manoeuvre is displayed.



Most of these icons are very intuitive. The following table lists some of the frequently shown route events. The same symbols are used in both fields:

Icon	Description
F	Turn left.
t	Turn right.
J	Turn back.
Y	Bear right.
	Turn sharp left.
5	Keep left.

1	Continue straight in the intersection.
()	Go left on the roundabout, 3rd exit (next manoeuvre).
٢	Enter roundabout (second next manoeuvre).
<u>_n</u>	Enter motorway.
Ir	Exit motorway.
<b>1</b>	Board ferry.
1	Leave ferry.
	Approaching a waypoint.
88	Approaching the destination.

## **2.3.3.3 Lane information and Signposts**

When navigating on multilane roads, it is important to take the appropriate lane in order to follow the recommended route. If lane information is available in the map data, Mappy PND displays the lanes and their directions using small arrows at the bottom of the map. Highlighted arrows represent the lanes and direction you need to take.

Where additional information is available, signposts substitute arrows. Signposts are displayed at the top of the map. The colour and style of the signposts are similar to the real ones you can see above road or by the roadside. They show the available destinations and the number of the road the lane leads to.

All signposts look similar when cruising (when there is no recommended route). When navigating a route, only the signpost that points to the lane(s) to be taken is displayed in vivid colours; all others are darker.

If you want to hide the currently displayed signposts, tap any of them and the normal Map screen returns until new signpost information is received.



### 2.3.3.4 Junction view

If you are approaching a motorway exit or a complex intersection and the needed information exists, the map is replaced with a 3D view of the junction. The lanes you need to take are displayed with arrows. At the top of the screen road signs show you additional information.

If you want to hide the currently displayed junction, tap the picture and the Map screen returns.



#### 2.3.3.5 Motorway exit services

You may need a petrol station or a restaurant during your journey. This feature displays a new button on the map when you are driving on motorways.



Tap this button to open a panel with the details of the next few exits or service stations.



Tap any of them to display the exit area on the map. You can now easily add this exit as a waypoint to your route if needed.

If you want to display other types of Places for the exits, you can change the icons in Visual Guidance settings (page 94).

# 2.3.3.6 3D object types

Mappy PND supports the following 3D object types:

Туре	Description		
3D terrain	3D terrain map data shows changes in terrain, elevations or depressions in the land when you view the map in 2D, and use it to plot the route map in 3D when you navigate. Hills and mountains are shown in the background of the 3D map, and illustrated by colour and shading on the 2D map.		
Elevated roads	Complex intersections and vertically isolated roads (such as overpasses or bridges) are displayed in 3D.		

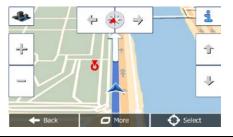
# **2.3.3.7 Elements of the active route**

Mappy PND shows the route in the following way:

Symbol	Name	Description	
	Current GPS position and Start point	Your current position displayed on the map.	
	·	<ul> <li>In pedestrian mode it is the exact GPS position.</li> </ul>	
		<ul> <li>If a vehicle is selected for route calculation and roads are near, the symbol is snapped onto the nearest road.</li> </ul>	
		Normally if GPS position is available, the route starts from the current position. If there is no valid GPS position, Mappy PND uses the last known position as the start point.	
	Waypoint (intermediate destination)	An intermediate destination of the route before reaching the final destination.	
<b>ka</b>	Destination (end point)	The final destination of the route.	
	Route colour	The route always stands out with its colour on the map, both in daytime and in night colour mode.	
	Streets and roads that are excluded from the navigation	You can choose whether you want to use or avoid certain road types (page 88). However, when Mappy PND cannot avoid such roads, the route will include them and it will show them in a colour that is different from the route colour.	

# 2.3.4 Manipulating the map

Tap the map anywhere to browse it during navigation. The map stops following the current position (the Vehimarker, a blue arrow by default, is not locked in a fix position on the screen any more) and control buttons appear to help you modify the map view.



Action	Button(s)	Description
Moving the map with drag&drop	No buttons	You can move the map in any direction: tap and hold the map, and move your finger towards the direction you want to move the map.
Zooming in and out		Changes how much of the map is displayed on the screen. Mappy PND uses high-quality vector maps that let you examine the map at various zoom levels, always with optimised content. It always displays street names and other text with the same font size, never upside-down, and you only see the streets and objects that you need. Map scaling has a limit in 3D map view mode. If you zoom out further, the map switches to 2D view mode. Tap the button once to modify the view in large steps, or tap and hold the button to modify it continuously and smoothly.
Tilting up and down	Û, J	Changes the vertical view angle of the map in 3D mode. Tap the button once to modify the view in large steps, or tap and hold the button to modify it continuously and smoothly.
Rotating left and right		Changes the horizontal view angle of the map. Tap the button once to modify the view in large steps, or tap and hold the button to modify it continuously and smoothly.
2D or 3D view	s, 5	Tap this button to switch between the 3D perspective and 2D top-down map view modes.
Compass in 2D map view mode	♦ , ◄	The direction of the compass shows North. Tap the button to switch to North-up view, and then tap again to rotate the map in the previous direction.

Compass in 3D map view mode	♦, ₽	The direction of the compass shows North. Tap the button to switch to North-up view, and then tap again to rotate the map in the previous direction.	
Location information	Ĩ	Tap this button to open a new screen with information about the selected map point, the Cursor.	
Return to normal navigation	- Back	Tap this button to move the map back to follow the current GPS position. Automatic map rotation is also re- enabled. The map manipulation buttons disappear and navigation continues.	
Additional options	C More	Tap this button to open a list of additional features like saving the Cursor as a Favourite destination, or searching for Places around the Cursor.	
Select destination	🔅 Select	Tap this button to select the Cursor as a new destination. The route is automatically calculated.	

# 2.3.5 Quick menu

The Quick menu is a selection of controls and functions that are frequently needed during

navigation. It can be opened directly from the Map screen by tapping



The menu will close after a few seconds of inactivity or if you tap

The menu will also close if you initiate simple controls like muting the device. In other cases tapping a button will open a new screen with options.

Most of these functions are shortcuts. They are accessible from the menu system.

There are more functions available than the number of buttons in the menu. In Settings, you can choose the function of each button (page 87). The following options are available:

Button	Description	Shortcut for
Master Volume slider	This slider adjusts the sound volume of the device. All sounds of the application are affected.	More / Settings / Sound and Warnings / Volume / Master slider
••))	This switch mutes all sounds of the application. Tap again to re-enable sounds.	More / Settings / Sound and Warnings / Volume / Master switch

Combined Search	This button opens the Combined Search function that allows you to search addresses, Places, Favourite and recent destinations by name in one unified environment.	Destination (page 25)
Quick Place Search	This function lets you search for a Place by its name. The search is carried out either along your route or around your current location if there is no route calculated.	Destination / Find Places / Quick Search (page 43)
Favourites	This button opens the list of your Favourite destinations.	Find / Favourite (page 55)
History	This button opens the History list. You can select one of your previous destinations.	Find / History (page 57)
Edit Route	This button opens the route editing function.	My Route / Edit Route
Route Settings	This button opens the route related settings.	More / Settings / Route Settings (page 88)
Map Settings	This button opens the map related settings.	More / Settings / Map Settings (page 92)
Where Am I?	This button opens a special screen with information about the current position and a button to search for nearby emergency or roadside assistance. For details, see the next chapter.	Tap the Current Street field on the Map screen
Cancel Route	This button cancels the route and stops navigation. The button is replaced with the next one if waypoints are given.	My Route / Cancel Route (page 65)
Remove Next Waypoint	This button skips the next waypoint from the route.	n/a
Overview	This button opens a 2D map scaled and positioned to show the entire route.	My Route / Overview (page 60)
Visual Guidance	This button opens the Visual Guidance settings screen.	More / Settings / Visual Guidance (page 94)

Traffic	This button opens the Traffic Summary screen.	Tap the Traffic icon in the Navigation menu or on the Map screen
Avoid	This button lets you bypass parts of the recommended route.	My Route / Avoidances
Trip Monitor	This button opens the Trip Monitor screen where you can manage your previously saved trip logs and track logs.	More / Trip Monitor (page 83)
Itinerary	This button opens the list of manoeuvres (the itinerary).	Tap the top of the Map screen during navigation.
Save Route	With this function you can save the active route for later use.	My Route / More / Save Route
Load Route	With this function you can replace the active route with a previously saved route.	My Route / More / Load Route
Find Places	With this function you can search for Places of Interest in various different ways.	Find / Find Places (page 43)
Simulate Navigation	This button opens the Map screen and starts simulating the active route.	My Route / More / Simulate Navigation (page 73)
GPS Info	This button opens the GPS Information screen with satellite position and signal strength information.	Tap the top of the Map screen when there is no GPS reception
Vehicle Profile	This button opens the parameters of the selected Vehicle profile.	More / Settings / Route (page 88)

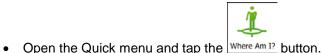
# 2.3.6 Checking the details of the current position (Where Am I?)

This screen contains information about the current position (or about the last known position if GPS reception is not available) and a button to search for useful Places nearby.

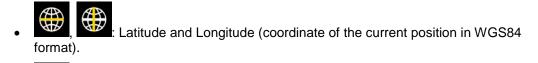


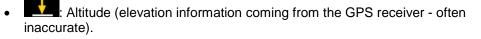
You can access this screen from the map in one of the following ways:

• If the current street is displayed below the Vehimarker (the current position on the map), tap it to open the Where Am I? screen.



Information on this screen:







House number on the left.



- House number on the right.
- In the middle of the screen you can see whether the position is current, or the time left since it was last updated.
- Address details (when available) of the current position are displayed at the bottom.

You can also perform some actions on this screen:



to save the current position as a Favourite destination.

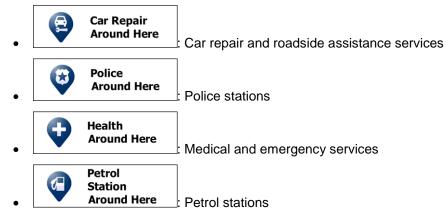
You can also search for assistance near your current position. Tap open a new screen for the Quick search:



Help Nearby

to

The following services can be searched around the current position or the last known position:



Tap any of the buttons, select a Place from the list, and navigate to it.

# **3 On-road navigation**

When first started, Mappy PND calculates routes using the road network of the high quality vector maps provided with the product.

You can set up your route in different ways:

- If you need a route for immediate navigation, you can select the destination and start navigating to it right away (normal navigation).
- You can also plan a route independently of your current GPS position or even without GPS reception. To achieve this you need to set a new starting point in My Route / Edit Route by tapping the flag icon at the current position. This will also turn off the GPS receiver so that the route is not recalculated when a new position is received.

You can plan routes with multiple destinations. Select the first destination. Then select a second destination and add it to your route to create a multi-point route. You can add as many destinations to your route as you like.

You can also use Mappy PND for off-road navigation. For details, see page 75.

# **3.1 Selecting the destination of a route**

Mappy PND offers you several ways of choosing your destination:

- Enter a full address or a part of an address, for example a street name without a house number or the names of two intersecting streets (page 34).
- Enter an address with postal code (page 41). This way you do not need to select the name of the city/town and the search for street names might be faster as well.
- Use a built-in Place of Interest as your destination (page 43).
- Select a location on the map with the Find on Map feature (page 54).
- Use a previously saved Favourite destination (page 55).
- Select a location from the History of previously used destinations (page 57).
- Enter the coordinate of the destination (page 58).

## **3.1.1 Combined Search**

There are several ways to select the destination of the route. You can find buttons in the Destination menu that initiate a separate search for addresses, Places, Favourite or recent destinations. The fastest way to search for any of these is to use the Combined Search. In this section you can find the full description of how this feature works. The below process shows how to carry out the search and the following subsections will help you find specific kinds of results.

1. In the Navigation menu, tap

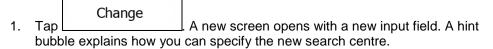


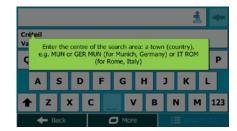
2. Tap the horizontal input field above the buttons. The Combined Search screen appears.

3. First you see hints on the screen showing how you can use the function. These hints are only displayed the first time you use this screen.



- 4. Tap anywhere and the hints disappear. Once you get through this screen to the search results, the hint will not appear again when you open this window later but you can see them again if you tap the information button on the right side of the input field.
- 5. You can see the input field at the top of the screen. Right below that you see the search area, the city/town around which the search is carried out. The default search area is the area where you are located. For a local search, skip the next step.
- 6. (optional) To search in a different area, do as follows:





- 2. Tap anywhere and the hint disappears. If you successfully select a new search area, the hint will not appear again when you open this window later but you can see it again if you tap the information button on the right side of the input field.
- 3. Start entering the centre of the new search area using the screen keyboard. You only need to enter a few letters to get a result. If the new search area is in a different country, you can narrow the search results if you enter one space and then a few letters of the country of the search area.
- 4. The most likely result appears below the input field as you enter new letters. Tap to select this as your new search area. If you cannot see your preferred

area after a few letters, tap

and select one from the list.

7. With the proper search area displayed, you can start entering the name, address or <u>category of the destination you are looking for</u>. The number shown in the



button shows how many results match the entered text. The background search is carried out while you enter letters so this number may keep on increasing if you wait a few seconds. Keep on entering new letters while this number is high.



8. Once the number of results is acceptable after a few seconds of searching, you can



to switch to the result screen.

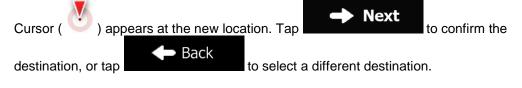
9. The result screen also opens with hints. Tap anywhere to suppress them. Once you select a destination, they will not appear again.



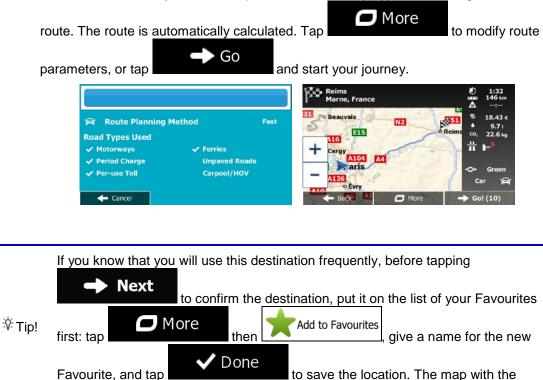
10. You see all results in the list, regardless of their type. Addresses, Places, Place categories, Favourite and recent destinations are mixed within one list.

All 👢 0 🚖 0 🔏 130 📋 27	<b>)</b> 300
All	
Restaurant Restaurant	
Rent-a-car Automotive » Rent-a-car	
Park and Recreation Area	
🗲 Back 📁 More	

- 11. You have the following options:
  - Tap the result you want to use as your destination. Scroll the list if necessary.
  - To narrow the search for only one type of result (for example for Places only) you can tap the related button at the top of the screen. See the next sections for details.
- 12. Once the destination is selected, a full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The



13. After a short summary of the route parameters, the map appears showing the entire



destination returns automatically. Now you can start your journey.

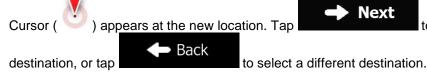
## **3.1.1.1** Combined Search - Navigating to a recent destination (History)

To find one of your recent destinations in Combined Search, carry out the search as described earlier. For the input text you can use either a part of the name or a part of the address of the recent destination. When you get to the result screen, do as follows:



1.

- Tap *the top of the screen.*
- 2. The list is now filtered. What you see is the list of recent destinations with a matching name or address.
- 3. Scroll down the list if necessary and then select one of the destinations from the list.
- 4. Once the destination is selected, a full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The



to confirm the

5. After a short summary of the route parameters, the map appears showing the entire

	arameters, or tap	d start your journey.
	Image: Second state     Fast       Road Types Used     ✓ Motorways       ✓ Motorways     ✓ Ferries       ✓ Period Charge     Unpaved Roads       ✓ Per-use Toll     Carpool/HOV	Cerry     Carry     Carry
₿ Note!	The alternative way to search for a rece the Quick menu or in the Destination me the above.	ent destination is to tap the button in enu. The rest of the procedure is similar to

#### **3.1.1.2** Combined Search - Navigating to a Favourite destination

To find one of your Favourite destinations in Combined Search, carry out the search as described earlier. When you get to the result screen, do as follows:

- 1. Tap At the top of the screen.
- 2. The list is now filtered. What you see is the list of your Favourite destinations with a matching name.
- 3. Scroll down the list if necessary and then select one of the destinations from the list.
- 4. Once the destination is selected, a full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The

Cursor ( ) appears at the new loca	ation. Tap <b>Next</b> to confirm the
destination, or tap	to select a different destination.
After a short summary of the route para	ameters, the map appears showing the entire

route. The route is automatically calculated. Tap

Go

to modify route

parameters, or tap

5.

and start your journey.

🗖 More

🛱 Route Planning	Method Fast	31 Beauvais N2	
Road Types Used		E15	Reims co; 22.6 k
✓ Motorways	✓ Ferries	+ Cergy	····・
✓ Period Charge	Unpaved Roads	A104 A4	
✓ Per-use Toll	Carpool/HOV	- Alizo	Car ¥

The alternative way to search for a Favourite destination is to tap the button in the Quick menu or in the Destination menu. The rest of the procedure is similar to the above.

×

#### 3.1.1.3 Combined Search - Navigating to an address

To find an address in Combined Search, carry out the search as described earlier. Use the name of the street alone or combined with the house number as your input text. When you get to the result screen, do as follows:

- at the top of the screen. 1. Tap The list is now filtered. What you see is the list of matching addresses. 2. Scroll down the list if necessary and then select one of the addresses from the list. 3. Once the destination is selected, a full screen map appears with the selected point in 4. the middle. If necessary, tap the map somewhere else to modify the destination. The Next ) appears at the new location. Tap Cursor ( to confirm the Back destination, or tap to select a different destination. After a short summary of the route parameters, the map appears showing the entire 5. More route. The route is automatically calculated. Tap to modify route Go and start your journey. parameters, or tap **Route Planning Method** Fast N2 E15 d Types Used 16 ergy Inpaved Roads ise Tol
- The alternative way to search for an address is to tap the button in the Destination menu. Unlike the Combined Search, this alternative search method is a structured one where you can define the parts of the address separately.

2

## **3.1.1.4 Combined Search - Navigating to an intersection**

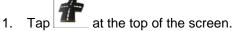
To find an intersection in Combined Search, carry out the search as described earlier but use the '&' sign to separate the two intersecting streets. You do not need to use spaces before and after the separator character. For example you can use any of the following input texts to find the intersections of Collins Street and Douglas Avenue (the more precise the input string the fewer false results are expected):

- Collins St & Douglas Ave
- Collins & Douglas
- Coll St & Dou Av
- Col&Doug
- C&D

5.

• Collins St& (this one will give you all the intersections of Collins Street so that you can select the appropriate one from the result list)

When you get to the result screen, do as follows:



- 2. The list is now filtered. What you see is the list of matching intersections.
- 3. Scroll down the list if necessary and then select one intersection from the list.
- 4. Once the destination is selected, a full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The

Cursor ( 🕐 ) appears at the new loc	ation. Tap Next to confirm the
destination, or tap	to select a different destination.
After a short summary of the route par	ameters, the map appears showing the entire

🗖 More

2

rameters, or tap	a	nd start your journey.	
		Reims Marne, France	<ul> <li>Δ</li> <li>1:32</li> <li>Δ</li> <li>Δ</li> <li>-:</li> <li>Ξ</li> <li>-:</li> </ul>
🛱 Route Planning M	1ethod Fast	Bis Beauvais N2	Reims co, 22.6 kg
Road Types Used Motorways	✓ Ferries	+ Cergy	₩, 22.6kg
✓ Period Charge	Unpaved Roads	A104 A4	Green
✓ Per-use Toll	Carpool/HOV	A126	- Green Car ≨

The alternative way to search for an address is to tap the button in the Destination menu. Unlike the Combined Search, this alternative search method is a structured one where you can define the parts of the address separately.

## **3.1.1.5** Combined Search - Navigating to a Place of Interest

To find a Place of Interest in Combined Search, carry out the search as described earlier. Search for a part of its name. When you get to the result screen, do as follows:

		-	_	_	
ê	5	5	١		
			7		
5	-	J	٢.		
	V	6			

1. Tap <u>\_\_\_\_\_</u> at the top of the screen.

- 2. The list is now filtered. What you see is the list of matching Places ordered by their distance from your current location.
- 3. (optional) Should your product contain Places from different data providers, you can further narrow the list by showing Places from one provider only. Look for the provider logos at the top of the screen. Tap one of them to see Places from that provider only.



- 4. Scroll down the list if necessary and then select one of the Places from the list.
- 5. Once the destination is selected, a full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The

Cursor ( ) appears at the new loc	ation. Tap	to confirm the
destination, or tap	to select a different destination	on.

6. After a short summary of the route parameters, the map appears showing the entire

route. The route is automatically calculated	d. Tap to modify ro
Image: Second	Reims Marne, France       0       1:32 case         33       Beauvais       1:35         5       18:43 c       5         6       9.71       0         0:       22.6 kg       11:32         11:       100       Ad

The alternative way to search for a Place is to tap the difference button in the Quick

The search in the Destination menu. These alternatives are different from the Combined Search. The first one is also a name search but if there is a route planned, it will not be carried out around your current location but along the route. The Place search in the Destination menu is a complex Place search with several options including category search or search around the destination of the current route.

## **3.1.1.6** Combined Search - Navigating to a Place of Interest by its category

To find a Place of Interest in Combined Search by giving its category only, carry out the search as described earlier. Search for a part of the category name. When you get to the result screen, do as follows:

1. The list is ordered with Place categories at the beginning but if you want, you can filter

the list to contain Place categories only. Tap \_\_\_\_\_ at the top of the screen to filter the list.

- 2. Scroll the list and select one of the categories. You get the list of Places in that category ordered by their distance from your current position. If the selected category contains subcategories, you will see all Places in that category mixed into one list.
- 3. (optional) Should your product contain Places from different data providers, you can further narrow the list by showing Places from one provider only. Look for the provider logos at the top of the screen. Tap one of them to see Places from that provider only.



- 4. Scroll down the list if necessary and then select one of the Places from the list.
- 5. Once the destination is selected, a full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The

Cursor ( ) appears at the new location. Tap
destination, or tap Back to select a different destination.
After a short summary of the route parameters, the map appears showing the entire
route. The route is automatically calculated. Tap
parameters, or tap and start your journey.
Marne, France 1:32 Marne, France 40 1:32 Marne, France 40 1:32 Marne, France 40 1:32 Marne, France 40 1:32

\*

**Route Planning Method** 

Ferries

Unpaved Roads

Carpool/HOV

Road Types Used

otorways

Cance

riod Charge

The alternative way to search for a Place category is to tap the button in the Destination menu and then tap Combined Search. When you search for a Place category here, you will go through the whole Place category tree. When you select a category, the list of its subcategories opens.

# 3.1.2 Entering an address or a part of the address

If you know at least a part of the address, it is the quickest way to select the destination of the route.

Using the same screen, you can find an address by entering:

- the exact address, including house number
- the centre of a city/town
- an intersection
- the midpoint of a street
- any of the above, starting the search with the postal code (page 41)

#### **3.1.2.1 Entering an address**

To enter an address as the destination, do as follows:

- 1. If you are on the Map screen, tap \_\_\_\_\_\_ to return to the Navigation menu.
- 2. In the Navigation menu, tap the following buttons:
- 3. By default, Mappy PND proposes the country and city/town where you are. If needed, Country

Destination

Find Address

tap \_\_\_\_\_, enter the first few letters of the country name on the keyboard, and select one country from the list of results.

Country	Fran	
Town	Paris <street name=""></street>	
Street		
<intersecting street=""></intersecting>	<house number=""></house>	
🗲 Back	Select Town	

4. If needed, select a new city/town:

a.

Tap Town

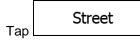
- b. Start entering the name of the city/town on the keyboard.
- c. Find the city/town you need:
  - The most likely city/town name is always shown in the input field. To accept it, tap

 If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of



5. Enter the street name:

a.



- b. Start entering the street name on the keyboard.
- c. Find the street you need:
  - The most likely street name is always shown in the input field. To accept it, tap
  - If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of

Results

). Select

results before it appears automatically, tap the street from the list.



- 6. Enter the house number:
  - a. Tap \_\_\_\_\_\_.
  - b. Enter the house number on the keyboard. (To enter letters, tap



c. Tap **the second seco** 



7. A full screen map appears with the selected point in the middle. If necessary, tap the

map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.

8. After a short summary of the route parameters, the map appears showing the entire

route. The route is automatically calculate	ated. Tap	to modify route
parameters, or tap	and start your journey.	

🛱 Route Planning I	Method Fast	Beauvais N2	18.43 e 9.7 i
Road Types Used		E15	Reims CO; 22.6 kg
✓ Motorways	✓ Ferries	+ Cergy	~ <u>~</u>
✓ Period Charge	Unpaved Roads	A104 A4	
✓ Per-use Toll	Carpool/HOV	-	-⇔ Green Car ¥

## 3.1.2.2 Entering the midpoint of a street as the destination

You can navigate to the midpoint of a street if the house number is not available:

- If you are on the Map screen, tap
   If you are on the Map screen, tap
   In the Navigation menu, tap the following buttons: O Destination
   If necessary, modify the country and city/town as described earlier (page 34).
   Enter the street name:
  - a. Tap

- b. Start entering the street name on the keyboard.
- c. Find the street you need:
  - The most likely street name is always shown in the input field. To accept

it, tap 🧹.

 If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of

Results

The midpoint of the

results before it appears automatically, tap ). Select the street from the list. Avenue Constant Coquelin 75007 Paris, 7e Arrondissement Constant Coquelin (Avenue) Avenue De La Conservation 75017 Paris, 17e Arrondissem t ent Avenue Du Nouveau-Conservatoire d a 75019 Paris, 19e Arrondissement Carrefour De La Conservation 75012 Paris, 12e Arrondissement 123 c 🔶 Back

Select Street

5. Instead of entering the house number, tap street is selected as the destination.

Country	France
Town	Paris
Street	Place De La Concorde
<intersecting street=""></intersecting>	<house number=""></house>
🗲 Back	Select Street

6. A full screen map appears with the selected point in the middle. If necessary, tap the

map somewhere els	se to modify the des	stination. The Cursor ( 🖤 ) appears at the
new location. Tap	➡ Next	to confirm the destination, or tap
🔶 Back	to select a differe	nt destination.

7. After a short summary of the route parameters, the map appears showing the entire

route. The route is a	utomatically calc	ulated. Tap	D More	to modify route
parameters, or tap		and start yo	our journey.	
<ul> <li>➢ Route Planni</li> <li>Road Types Used</li> <li>✓ Motorways</li> <li>✓ Period Charge</li> <li>✓ Per-use Toll</li> </ul>	ng Method ✓ Ferries Unpaved Roads Carpool/HOV	Fast	ivais	

#### 3.1.2.3 Selecting an intersection as the destination

To enter an address as the destination, do as follows:

- 1. If you are on the Map screen, tap \_\_\_\_\_\_ to return to the Navigation menu.
- 2. In the Navigation menu, tap the following buttons:
- 3. If necessary, modify the country and city/town as described earlier (page 34).
- 4. Enter the street name:

а

Tap Street

- b. Start entering the street name on the keyboard.
- c. Find the street you need:

it, tap

The most likely street name is always shown in the input field. To accept

)

Find Address

Destination

Results

). Select

 If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of

results before it appears automatically, tap the street from the list.



- 5. Enter the intersecting street name:
  - 1. Tap
    - If only a few intersecting streets exist, their list appears immediately.
    - In case of a longer street, the keyboard screen appears. Start entering the name of the intersecting street on the keyboard. As soon as the street names that match the entered string can be shown on one screen, their list appears automatically. Select from the list.



6. A full screen map appears with the selected point in the middle. If necessary, tap the

map somewhere else to modify the destination. The Cursor ( 💚 ) appears at the
International Activity Next
new location. Tap
- Back
to select a different destination.
After a short summary of the route parameters, the map appears showing the entire
🗖 More
route. The route is automatically calculated. Tap
Go
parameters, or tap
Reims Ø 1:32
Fast Route Planning Method Fast
Road Types Used V Motorways V Ferries
✓ Period Charge Unpaved Roads     ✓ A104 A4     Aris     ✓ Green
✓ Per-use Toll Carpool/HOV
← Cancel ← Backe ▲ Cancel ← Gol (10)

## 3.1.2.4 Selecting a city/town centre as the destination

The city/town centre is not the geometric centre of the city/town but an arbitrary point the map creators have chosen. In towns and villages, it is usually the most important intersection; in larger cities, it is one of the important intersections.

- If you are on the Map screen, tap Menu to return to the Navigation menu.
   In the Navigation menu, tap the following buttons: O Destination Find Address.
   If necessary, modify the country as described earlier (page 34).
- 4. Select the destination city/town:

a.

7.

- Tap Town
- b. Start entering the name of the city/town on the keyboard.
- c. Find the city/town you need:
  - The most likely city/town name is always shown in the input field. To accept it, tap

• If the desired name does not show up, the names that match the string appear in a list after entering a couple of characters (to open the list of

	results befor the city/town	e it appears auto from the list.	matically, tap
	Pa <mark>tis</mark>	- 🗸	Paris France
	qwert	yuiop	Pau Pyrénées-Atlantiques, France
	asdf g	h j k l	Pantin Seine-Saint-Denis, France
	⊕ z × c ,	v b n m 123	Pamiers Arriège, France
	🔶 Back 💋 Mor	re 🔚 Results (300)	- Back
5.	Instead of entering the stre the displayed city/town bee		Select Town . This way the centre of ation of the route.
		Country	France
		Town	Paris
		Street	<street name=""></street>
		<intersecting street=""></intersecting>	<house number=""></house>
		🔶 Back	Select Town
6.	map somewhere else to m new location. Tap	odify the destinat	onfirm the destination, or tap
7.	After a short summary of the	he route paramete	ers, the map appears showing the entire
	route. The route is automa	Go	
	parameters, or tap	and	start your journey.
	<ul> <li>Route Planning Method</li> <li>Road Types Used</li> <li>Motorways</li> <li>Period Charge</li> <li>Per-use Toll</li> </ul>	d Fast Ferries Unpaved Roads Carpool/HOV	Reims Marne, France       1:32 and 1:46 km beauvais         33       Beauvais         Beauvais       1:32 and 1:46 km beauvais         1:33       Beauvais         1:34       0:351 and 1:46 km beauvais         1:35       Reims aris         1:32       0:351 and 1:46 km beauvais         1:32       0:351 aris         1:32       0:351 aris

## 3.1.2.5 Entering an address with a postal code

All of the above address searching possibilities can be performed with entering the postal code instead of the city/town name. Find below an example with a full address:

- 1. If you are on the Map screen, tap \_\_\_\_\_\_ to return to the Navigation \_\_\_\_\_\_
- 2. In the Navigation menu, tap the following buttons:
- 3. If necessary, modify the country as described earlier (page 34).
- 4. Enter a new city/town using its postal code:
  - a. Tap Town
  - b. Tap to open the numeric keypad.
  - c. Start entering the postal code.
  - d. Find the city/town you need:

tapping

- The most likely postal code is always shown in the input field. To accept it, tap
- If the desired number does not show up, open the list of results by

. Select the postal code from the list.

Find Address

14	ю							$\checkmark$	+
1	2	3	4	5	6	7	8	9	0
	/		,			(	)	2	Į
Û	*	0	&		#		\$	¢	QWE
	<b>+</b> 8	lack	8	0	More			tesults	<u> </u>

5. Enter the street name:

a. Tap

- b. Start entering the street name on the keyboard.
- c. Find the street you need:
  - The most likely street name is always shown in the input field. To accept



If the desired name does not show up, the names that match the string • appear in a list after entering a couple of characters (to open the list of

Results results before it appears automatically, tap ). Select the street from the list. Constant Coquelin (Avenue) Avenue Constant Coquelin 75007 Paris, 7e Arrondissem Avenue De La Conservation 75017 Paris, 17e Arrondisseme t Avenue Du Nouveau-Conservatoire 75019 Paris, 19e Arrondissement d c f a Carrefour De La Conservation 75012 Paris, 12e Arrondissement 123 c Enter the house number: <House Number> Tap a. QWE Enter the house number on the keyboard. (To enter letters, tap b. Done to finish entering the address. (If the entered house Тар C. number cannot be found, the midpoint of the street is selected as the destination.) <Enter House Number (1-19)> 3 5 0 1 2 4 6 7 8 9 OWE 7. A full screen map appears with the selected point in the middle. If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the Next new location. Tap to confirm the destination, or tap 🗩 Back to select a different destination. 8. After a short summary of the route parameters, the map appears showing the entire More route. The route is automatically calculated. Tap to modify route Go and start your journey. parameters, or tap 10. 1:32 146 km Marne, France Ivais 18 43 🛱 Route Planning Method Fast N2 E15 Road Types Used # 1

6.

Unpaved Roads

Carpool/HOV

✓ Period Charge

Per-use Toll

Cancel

ergy

0

Ca

### 3.1.2.6 Tips on entering addresses quickly

- When you are entering the name of a city/town or a street:
  - Only those letters are offered on the keyboard that appear in possible search results. All other characters are greyed out.
  - As you are typing, the most likely result is always displayed in the input field. If

the guess is correct, tap

to select it.

- After entering a couple of letters, tap contain the specified letters.
- You can speed up finding an intersection:
  - Search first for the street with a less common or less usual name; fewer letters are enough to find it.
  - If one of the streets is shorter, search for that one first. You can then find the second one faster.
- You can search for both the type and the name of a road. If the same word appears in several names, for example in the name of streets, roads and avenues, you can obtain the result faster if you enter the first letter of the street type: For example, enter 'PI A' to obtain Pine Avenue and skip all Pine Streets and Pickwick Roads.
- You can also search in postal codes. As postal codes consist of only a few characters, this is usually faster than entering the name of the city/town.

## 3.1.3 Selecting the destination from the Places of Interest

You can select your destination from the Places of Interest included with Mappy PND. Using the same screen, you can find a Place in different ways:

- with the Quick search feature, you can quickly find a nearby Place by its name
- with the Preset search feature, you can find frequently searched types of Places with only a few screen taps
- you can search for a Place by its category
- you can search for a Place by its name

In addition, you can search for special services from the 'Where Am I?' screen.

#### **3.1.3.1 Quick search for a Place of Interest**

The Quick search feature lets you quickly find a Place by its name. The search is always carried out

- along the recommended route if it exists or
- around your current location if there is no destination given.
- 1. Start the Quick search function:
  - If you are on the Map screen, tap

If you are in the Navigation menu, tap



🗖 More

Back

Find Places and then



2. Using the keyboard, start entering the name of the Place.

<er< th=""><th colspan="7"><enter name="" of="" place="" the=""></enter></th><th>+</th></er<>	<enter name="" of="" place="" the=""></enter>							+					
Q	v	v	E	R	2	т	Y	·	U	Ι	I	0	Р
	A	s	;	D	F	•	9	н	•	J	ŀ	۲	L
♠	2	z	x	¢	:		v	'	в	Τ	N	м	123
	+	Bad	:k	Τ	More 🔚 Results					(99)			

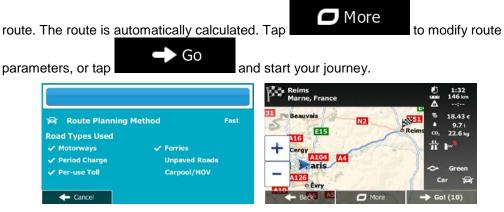
- 3. After entering a few letters, tap rames containing the entered character sequence.
  - NAVTEO \$ All 0 Quai-Quai 74, Quai Des Orf 75001 1er Ar 20 m 0 Quai-Quai 74, Quai Des Orfé 0 75001 1er A **20** m 0 Quai-Quai 74, Quai Des Or 75001 1er 20 m Ba α Q Filt
- 4. (optional) The Places in the list are ordered by the length of the necessary detour (when navigating a route) or by their distance from the <u>current position (when no</u>

destination is given). If you need to reorder the list, tap

- 5. Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.
- 6. (optional) Tap \_\_\_\_\_ to see the details of the selected Place. Tap \_\_\_\_\_ to return to the map.
- 7. If necessary, tap the map somewhere else to modify the destination. The Cursor

( ) appears at the new location. Tap	Next     to confirm the
destination, or tap	select a different destination.

8. After a short summary of the route parameters, the map appears showing the entire



#### 3.1.3.2 Searching for a Place of Interest using preset categories

The Preset search feature lets you quickly find the most frequently selected types of Places.

- 1. If you are on the Map screen, tap \_\_\_\_\_\_ to return to the Navigation menu.
- 2. In the Navigation menu, tap the following buttons:



3. The preset search categories appear:



4. Tap any of the quick search buttons to get an instant list of Places.



5. (optional) The Places in the list are ordered by their distance from the current or last known position, from the destination or by the length of the necessary detour. If you

need to reorder the list, tap

9.



6. Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.

Back

- 7. (optional) Tap \_\_\_\_\_ to see the details of the selected Place. Tap to return to the map.
- 8. If necessary, tap the map somewhere else to modify the destination. The Cursor

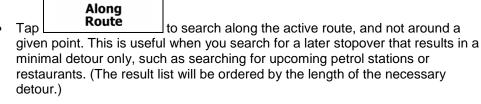
( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination. After a short summary of the route parameters, the map appears showing the entire

route. The	route is automa		ted. Tap	D More	o modify route
parameter	s, or tap	-> Go	and start your	journey.	
			Beauvais	nce	€ 1:32 come 146 km △:
<b>1</b>	Route Planning Metho	d Fas	t S S	N2	≅ 18.43 ε ♦ 9.7 ι
Road	d Types Used		116 E1	5 Rein	<sup>15</sup> co <sub>2</sub> 22.6 kg
🛹 M	lotorways	✓ Ferries	+ Cergy	- And	<b>芇 Im</b> *
🗸 P	Period Charge	Unpaved Roads	A10	4 44	
✓ P	er-use Toll	Carpool/HOV	A126 © Évry	-18-	≺≎+ Green Car γ⊖q
	Cancel		► Back	AS O More	-> Go! (10)

## 3.1.3.3 Searching for a Place of Interest by category

You can search for Places of Interest by their categories and subcategories.

- Menu If you are on the Map screen, tap to return to the Navigation 1. menu. Destination Find Places In the Navigation menu, tap the following buttons: 2. Tap Custom Search 3. Select the area around which the Place should be searched for: 4. **Around Here** Тар to search around the current position or if it is not • available, around the last know position. (The result list will be ordered by the distance from this position.)
  - In a Town
  - Tap \_\_\_\_\_\_\_ to search for a place within a selected city/town. (The result list will be ordered by the distance from the centre of the selected city/town.)
    - Around Destination
  - Tap \_\_\_\_\_\_ to search for a place around the destination of the active route. (The result list will be ordered by the distance from the destination.)





5. (optional) If you have selected

Country	France
Town	Paris
🔶 Back	Select

select the city/town to search in.

In a Town

6. Select one of the main Place categories (e.g. Accommodation) or tap

Accommodation

Back

List All Places to list all Places around the selected location or along the route.

More

Q Find by Name

List All Places

 Select one of the Place subcategories (e.g. Hotel or Motel) or tap to list all Places in the selected main category around the selected location or along the route.

List All Places in Accommodation					
Camping					
Hotel or Mote	1				
			V		
🔶 Back	🗖 More	Q Find by M	lame		

8. Sometimes the list of brands in the selected Place subcategory appears. Select one List All Places

brand or tap to list all Places in the selected subcategory around the selected location or along the route.

List All Places in Accommodation » Hotel or Motel						
💑 Abba Hotels						
🛃 Ac						
📙 Adagio City Aparthotel						
🗲 Back 🗖 More 🔍 Find by N						

9. Finally, the results appear in a list.

	All	NAVTEO	\$	
ę	Henri IV 25, Place Dauphi	ne, 75001 1er Arrondissem	60 m	
Gudnes	Citadines Par 53, Quai Des Grands		-	
ę	Place Du Lou 21, Rue Des Prêtres Saint-	vre Gemain-L'auxerrois, 75001.1er Arrondiss	() ment 250 m	▼
	🛏 Back	More	Q, Filte	r

10. (optional) The Places in the list are ordered by their distance from the current or last known position, from the selected city/town, from the destination or by the length of the



necessary detour. If you need to reorder the list, tap

11. Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.

12.	(optional) Tap to see the details of the selected Place. Tap Back to return to the map.
13.	If necessary, tap the map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap to confirm the destination, or tap to select a different destination.
14.	After a short summary of the route parameters, the map appears showing the entire route. The route is automatically calculated. Tap for to modify route parameters, or tap for and start your journey.
	Image: Cancel       Image: Cancel

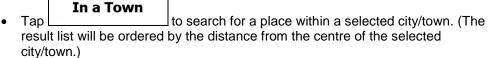
#### 3.1.3.4 Searching for a Place of Interest by name

You can search for Places of Interest by their names. You can search around different locations or along your route in the whole Place database or in one Place category or subcategory only.

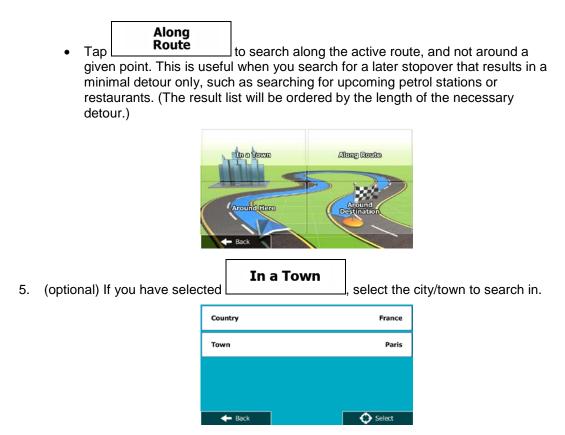
If you are on the Map screen, tap Menu to return to the Navigation menu.
 In the Navigation menu, tap the following buttons: O Destination , Find Places .



- 3. Tap Custom Search.
- 4. Select the area around which the Place should be searched for:
  - Tap \_\_\_\_\_\_ to search around the current position or if it is not available, around the last know position. (The result list will be ordered by the distance from this position.)



• Tap \_\_\_\_\_\_\_to search for a place around the destination of the active route. (The result list will be ordered by the distance from the destination.)



6. Select one of the main Place categories (e.g. Accommodation) to search in or tap Q Find by Name

to search among all Places.

List All Places		1	
🔣 HR			
🚺 DLF			_
Accommodat	tion		v
🔶 Back	More	Q Find by N	lame

7. Select one of the Place subcategories (e.g. Hotel or Motel) to search in or tap

**Q** Find by Name to sea

to search in the selected Place category.

List All Places in Accommodation	
Camping	
🔁 Hotel or Motel	
	V
- Back 🗖 More 🔍 Find by Na	ame

8. Tap **Q** Find by Name

if you have not done it before.

List All Places in Accommodation » Hotel or Motel				
Abba Hotels				
Ac				
🛁 Adagio City Aparthotel	v			
- Back  More Q Find by M	lame			

9. Using the keyboard, start entering the name of the Place.

<en< th=""><th colspan="7"><enter name="" of="" place="" the=""></enter></th><th>+</th></en<>	<enter name="" of="" place="" the=""></enter>							+	
Q	w	E	R	т	Y	U	I	0	Р
4	•	5 1	DI	= (	5 H	1	3 I	< 1	L
Ŧ	z	x	с		v	в	N	м	123
	Back     D More     E Results					(99)			

After entering a few letters, tap names containing the entered character sequence.

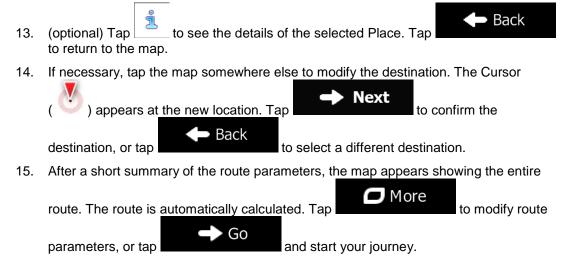
	All	NAVTEO	\$	
Ø	Quai-Quai 74, Quai Des Orfè	vres, 75001 1er Arrondissen	60 m	
0	Quai-Quai 74, Quai Des Orfè	ent 20 m		
Ø	Quai-Quai 74, Quai Des Orfè	60 m	▼	
-	🗭 Back	<b>Q</b> , Filter		

11. (optional) The Places in the list are ordered by their distance from the current or last known position, from the selected city/town, from the destination or by the length of the

necessary detour. If you need to reorder the list, tap

🗖 More

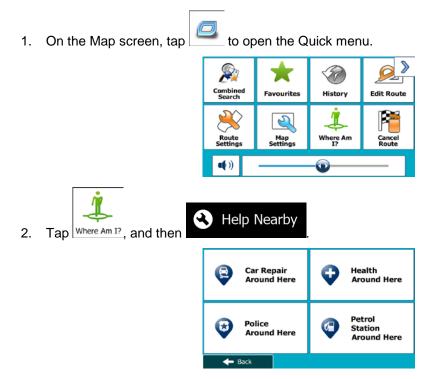
12. Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.



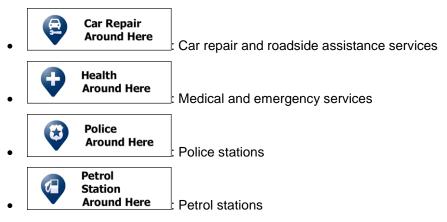


## 3.1.3.5 Selecting nearby assistance from 'Where Am I?'

You can quickly search for nearby assistance from the 'Where Am I?' screen.



3. Preset search categories appear, all for searching around the current position (or around the last known position if the current position is not available):



4. Tap any of the quick search buttons to get an instant list of that type of Places.



5. (optional) The Places in the list are ordered by their distance from the current or last known position, from the selected city/town, from the destination or by the length of the

🖸 More

necessary detour. If you need to reorder the list, tap

9.

- 6. Browse the list if necessary and tap one of the list items. A full screen map appears with the selected point in the middle. The name and address of the Place is displayed at the top of the screen.
- 7. (optional) Tap to see the details of the selected Place. Tap to return to the map.
- 8. If necessary, tap the map somewhere else to modify the destination. The Cursor

( ) appears at the new location	. Tap to confirm the
destination, or tap	to select a different destination.
After a short summary of the route p	parameters, the map appears showing the entire

route.	The route is automa	· ·	ulated.		to	modify route
param	eters, or tap	Go Go	and	start your journ	iey.	
				Reims Marne, France		
	🛱 Route Planning Metho	i	Fast	Beauvais	N2 Reims	≅ 18.43 € ♦ 9.7 ι
	Road Types Used			416 E15	<sup>®</sup> Reims	CO2 22.6 kg
	🗸 Motorways	Ferries		+ Cergy		₩ <b>₩</b> *
	✓ Period Charge	Unpaved Roads		A104 A4		🗢 Green
	✓ Per-use Toll	Carpool/HOV		A126		∽ Green Car γ⊟γ
	Cancel			Backa AS	O More	Go! (10)

## 3.1.4 Selecting a map location as the destination

Menu 1. If you are on the Map screen, tap to return to the Navigation menu. Destination Find on Map In the Navigation menu, tap the following buttons: 2. Locate your destination on the map: move and scale the map as needed. 3. Boute De Corbeil i © Sole ○ Argenti @ Bar + E54 D619 o L'étang © Cha Tap the location that you want to select as your destination. The Cursor ( 4. appears there. → Select to select the Cursor as the destination. Тар 5. 6. After a short summary of the route parameters, the map appears showing the entire 🗖 More route. The route is automatically calculated. Tap to modify route > Go parameters, or tap and start your journey. Marne, France uvais 18.43 🛱 Route Planning Method N2 Fast S E15 22 6 Road Types Used 16 H ergy iod Charg Unpaved Roads aris Éu Cance 1 (10

## 3.1.5 Selecting the destination from your Favourites

You can select a location that you have already saved as a Favourite to be your destination. Adding a location to the list of Favourite destinations is described on page 70.

- 1. Access the list of Favourites:
  - If you are on the Map screen, tap to open the Quick menu.
  - If you are in the Navigation menu, tap



2. Tap Favourites. The list of Favourite destinations is displayed.



Destination

3. Tap the Favourite that you want to set as your destination. If necessary, browse down

to see more of the list or tap **and and enter a few letters from the** name of the Favourite destination.

4. A full screen map appears with the selected point in the middle. If necessary, tap the

map somewhere else to modify the destination. The Cursor ( 🤍 ) appears at the

new location. Tap	➡ Next	to confirm the destination, or tap
🔶 Back	to select a differe	ent destination.

5. After a short summary of the route parameters, the map appears showing the entire

route. The route is automatically	io	More	to modify route
<ul> <li></li></ul>	Fast	Reims Marne, France Beauvals 515 116 Cergy A104 A104 A104 A104 A104 A104 A104 A104	L: 32 usa 146 km -: SSI Reims Reims Reims Co. 22.6 kg H H Co. 22.6 kg H Co. 32.6 kg Co. 32.6 k

## 3.1.6 Selecting one of the most likely destinations (Smart History)

The destinations that you have set earlier appear in the History list. Two of those recent destinations are shown in the Destination menu for easy access. Smart History offers these locations based on your navigation habits, using parameters like the current time of day, the day of week, and the current location. The more you use the navigation software, the better it can guess your desired destination.

Menu 1. If you are on the Map screen, tap to return to the Navigation menu. Destination In the Navigation menu, tap 2. earch in all  $\mathcal{O}$ Find Addre Find Place Find on Ma Favourite Route De Corbeil Yèbles **∫**₽ R Reims Marne, France 27 History Æ Tap the or the destination in the History field. 3. A full screen map appears with the selected point in the middle. If necessary, tap the 4. map somewhere else to modify the destination. The Cursor ( ) appears at the Next new location. Tap to confirm the destination, or tap 🔶 Back to select a different destination. After a short summary of the route parameters, the map appears showing the entire 5. More to modify route route. The route is automatically calculated. Tap Go and start your journey. parameters, or tap Reims Marne, France Beauvais 🛱 Route Planning Method Fast N2 E15 Road Types Used \* Motorways Ferries Period Charge Unpaved Roads Carpool/HOV ✓ Per-use Toll - Cancel

## **3.1.7** Selecting a recent destination from the History

The destinations that you have set earlier appear in the History.

- 1. Access the History:
  - If you are on the Map screen, tap and then tap <u>History</u>.
    If you are in the Navigation menu, tap <u>O Destination</u> and then tap <u>History</u>.
- 2. The list of recent destinations appears. Smart History promotes three destinations to the first page based on your previous routes (most likely destinations). The rest of the destinations are ordered by time they were last selected. If necessary, scroll the list to see earlier destinations.

Sma	art History Items:	L	
Proute De Co Yèbles	8	▲	
Preims Marne, Fran	ce	8	
Place De La Paris	8	▼	
	History Items:		
🔶 Back	🗖 More	<b>Q</b> , Filter	

- 3. Select a destination from the list.
- 4. A full screen map appears with the selected point in the middle. If necessary, tap the

map somewhere else to modify the destination. The Cursor ( 🕐 ) appears at the

new location. Tap	Next	to confirm the destination, or tap
🔶 Back	to select a differe	nt destination.

5. After a short summary of the route parameters, the map appears showing the entire

route. The route is automatically calc	culated. Tap To More to modify route
parameters, or tap	and start your journey.
<ul> <li>Route Planning Method</li> <li>Road Types Used</li> <li>Motorways</li> <li>Ferries</li> <li>Period Charge</li> <li>Unpaved Roads</li> <li>Per-use Toll</li> <li>Carpool/HOV</li> </ul>	Fast Fast

# 3.1.8 Entering the coordinate of the destination

You can also select a destination by entering its coordinate. Do as follows:

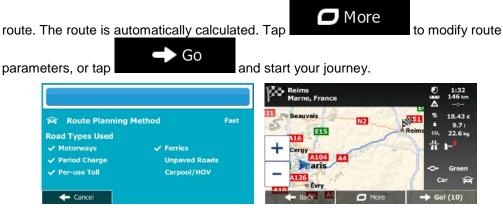
- If you are on the Map screen, tap Menu to return to the Navigation menu.
   In the Navigation menu, tap Octimation
   Open the More menu and tap Coordinate
- 4. You can enter the latitude and longitude values in any of the following formats: decimal degrees; degrees and decimal minutes; or degrees, minutes and decimal seconds.



- 6. When finished, tap
- 7. A full screen map appears with the selected point in the middle. If necessary, tap the

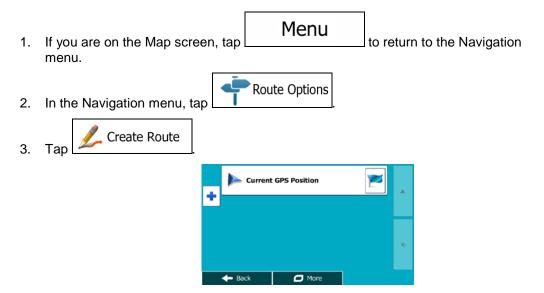
map somewhere else to modify the destination. The Cursor ( ) appears at the new location. Tap Next to confirm the destination, or tap Back to select a different destination.

8. After a short summary of the route parameters, the map appears showing the entire



## **3.1.9** Building a route from the list of destinations (Create Route)

You can also build your route destination by destination from the My Route menu.



4. There is only one line in the list of route points, the start point of the route, normally the current GPS position.



5.

Tap \_\_\_\_\_ to select the destination.

6. The Destination menu appears and you can select the destination of the route the same way as described in the previous sections.



7. When the new destination is selected, the list returns.



8. To add more destinations, tap \_\_\_\_\_ where you want to insert the new route point in the list, and repeat the above procedure.

# **3.2** Viewing the entire route on the map

It is easy to get a map overview of the active route. Do as follows:

- 1. If you are on the Map screen, tap \_\_\_\_\_\_ to return to the Navigation menu.
- 2. In the Navigation menu, tap
- 3. Tap Overview The active route is displayed in its full length on the map together with additional information and controls.

Route Options

Reims Name, France	<ul> <li>1:56</li> <li>164 km</li> <li>Atemative</li> <li>: Green</li> </ul>
差 Edit Route	Overview
Nvoidances	P Cancel Route
🗲 Back 🛛 🗖	More

# 3.3 Checking route parameters and accessing route related functions

You can check different parameters of the route recommended by Mappy PND.

- 1. If you are on the Map screen, tap \_\_\_\_\_\_ to return to the Navigation menu.
  - Route Options
- 2. In the Navigation menu, tap
- 3. The following pieces of information are displayed:

- The name and/or address of the destination.
- Warning icons (if any). They provide extra information about your route (e.g. unpaved roads or toll roads to be taken).
- The total time of the route.
- The total length of the route.
- Estimated delay calculated from traffic events on your route.
- The symbol of the vehicle type used in route calculation.
- The route planning method (e.g. Fast).

Reims Marne, France	٩	1:56	A
	0000	<b>164</b> km	Alternative
₩ <b>₽</b> #	٨	:	Green

- 4. You have the following options on this screen (for detailed instructions on how to use them, see the next chapter):
  - Tap Edit Route to edit the route: to add or remove destinations or change their sequence. You can also set a route start point other than your current location. This can be useful to plan and save a future trip.
  - Tap Overview to display the entire route on the map.
    Tap Avoidances to bypass a part of the route.
  - Tap
     Cancel Route
     to delete the active route.
  - Tap More to open a list with more options like selecting from route alternatives, changing route parameters, simulating the route, saving the active route or loading a previously saved route.
  - Tap
     Back
     to return to the Navigation menu.

# **3.4 Modifying the route**

When navigation is already started, there are several ways to modify the active route. The following sections show some of those options.

# **3.4.1** Selecting a new destination when already having a route: New Route, Waypoint or Final Destination

If you already have a recommended route and you select a new destination as described in the above sections, the application will ask you whether to start a new route, add a new waypoint (intermediate destination) to the route or append the newly selected destination at the end of the current route.





Tap <u>New Route</u> to plan a new route to the newly selected location. The previous destination and waypoint(s) are deleted.



• Tap <u>Waypoint</u> to add the newly selected location as an intermediate destination to your route. The other destinations of the route remain intact. Note: the new waypoint is placed among destinations to keep the route optimal. To decide where a waypoint to appear, use the Edit Route feature.



• Tap Final Destination to append the newly selected destination at the end of the route. The other destinations of the route remain intact. The previous final destination is now the last waypoint.

## **3.4.2** Setting a new starting position for the route

For normal navigation, all routes are planned from the current position. In order to check future routes, simulate them or see their length in time and distance, you can turn off the GPS receiver. Then you can set the starting point of the route to a different location than the current GPS position.

1. If you are on the Map screen, tap \_\_\_\_\_\_ to return to the Navigation menu.

**Route Options** 

2. In the Navigation menu, tap

3.	If you already have a rout	e, ta	p 🦉 Edit Route	. If you	are	starting a new route,	
	tap						
			Current GPS Position	2			
		+ +	Route De Corbeil Yèbles	8			
		÷	Reims Marne, France	8	▼		
		-	🗲 Back 🗖 More	➡ Go			
		÷	Current GPS Position	1			
					Ŵ		
			🗲 Back 🗖 More				
						8	

4. The first line is the start of the route, normally the current GPS position. Tap and confirm your action at the warning message.

E	Setting a start point will	disable the GPS receiver.
E	4	
-	Set Start Point	More Go

5. The Destination menu appears and you can select the start point of the route the same way you select a destination.

Search in all.	•	•	*					
Find Address	Find Places	Find on Map	Favourites					
1 Route De Yèbles	Poute De Corbeil Yèbles							
2 Reims Marne, F	rance		History					
🔶 Back	0	More						
🔶 Back	0	More						

6. When the new start point is set, tap

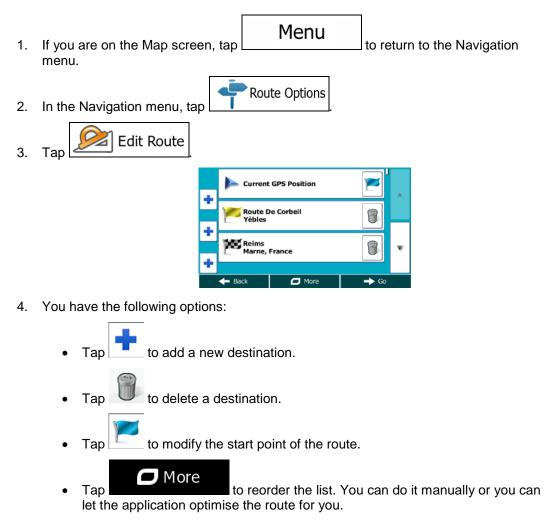
7. The map returns with a transparent Vehimarker (showing that there is no GPS reception). If an active route already existed, it is now recalculated starting from the selected location.



8. To return to normal navigation, tap

## **3.4.3** Editing the list of destinations (Edit Route)

You can edit the route by modifying the list of destinations. You can add or remove destinations, modify the start position or reorder the list.



## **3.4.4** Pausing the active route

You do not need to pause the active route: when you start driving again, Mappy PND restarts the voice instructions from your position.

## **3.4.5** Cancelling the active route

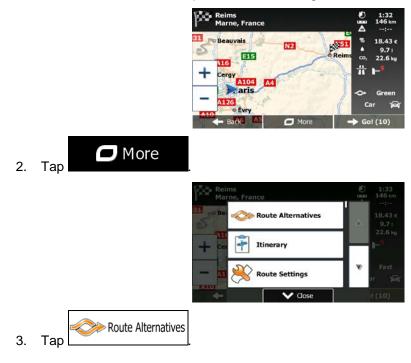
To cancel the navigated route, do one of the following:

If you are on the Map screen, tap and then tap <u>Cancel Route</u>. (If you have a route with waypoints, you need to tap <u>Next Waypoint</u> until all waypoints are deleted.)
In the Navigation menu, tap <u>Route Options</u> and then tap <u>Cancel Route</u>.

## 3.4.6 Checking route alternatives when planning the route

You can select from different route alternatives or change the route planning method after you have selected a new destination. Do as follows:

1. Select a destination as explained earlier, and get to the route confirmation screen.



4. You see the basic details of three route alternatives with the selected route planning method. Tap any of them to see it on the map.



 Or if you cannot find a good alternative, tap
 More Results and scroll down for routes with different routing methods.



6. Select one of the route alternatives and tap **second and the second and the se** 

## 3.4.7 Checking route alternatives for an existing route

To recalculate the active route with a different route planning method, you can modify the Route settings (page 88). There is another way to do this and to compare different route alternatives with the same route planning method. Do as follows:

Menu If you are on the Map screen, tap to return to the Navigation 1. menu. **Route Options** In the Navigation menu, tap 2. 1:56 ₩ 🚧 Edit Route 🚻 Overview 2 Ø P Avoidances **Cancel Route** O Mor

3.	Tap More		
		Reims Marne, France	🖏 1:33 000 146 km
		Be Route Alternatives	1 18.43 € 9.7 (
		+ Cee F Itinerary	22.6 kg
		- M Route Settings	▼ Fast ar 1⊖¥
		- Close	1(10)
4.	Tap		

5. You see the basic details of three route alternatives with the selected route planning method. Tap any of them to see it on the map.



More Results

6. Or if you cannot find a good alternative, tap routes with different routing methods.

and scroll down for



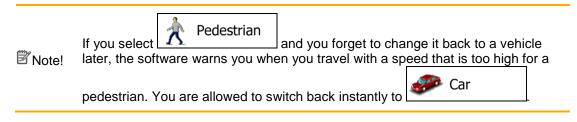
Select one of the route alternatives then tap and hold
 Back for a few seconds to return to the Map screen. Mappy PND recalculates the route. The orange line now shows the new recommended route.

## 3.4.8 Changing the vehicle used in route planning

To recalculate the active route for a different vehicle, do as follows. These changes can also be made in Settings (page 88).

1.	On the Map screen, tap	and then tap	Route Settings	
		Vehicle	Car	
		Navigation Mode	On-road	
		Route Planning Method	Green	v
		Hotorways	2 sections 135 km	×
	 	🗲 Back		
2.	Vehicle a	nd then tap one c	of the following:	
	• Car			
	Pedestrian	]		
	Bicycle	]		
	Emergency	]		
	• Bus	]		
	💣 Taxi	]		
	• Lorry	]		
3	Mappy PND recalculates th	o routo ontimico	d for the new ve	bielo type. The o

3. Mappy PND recalculates the route optimised for the new vehicle type. The orange line now shows the new recommended route.



## **3.4.9** Changing the road types used in route planning

To recalculate the active route with different road type preferences, do as follows. These changes can also be made in Settings (page 88).

1.	On the Map screen, tap		and the	en tap	Rout	e gs		
		Veh	icle				Car	
		Navi	igation Mode			On-re	oad	
		Rou Met	te Planning hod			Gre	een	
		#	Motorways		2 sections 135 km	5	✓	
		•	🗲 Back					

2. Tap any of the listed road types to modify the route. If needed, scroll the list for all road types. You have the following options (their order depends on the selected vehicle type):

•	Motorways	- You might need to avoid motorways when you are driving e towing another vehicle.							
•	Period Charge	- Charge roads are pay roads where you can purchase a							
	pass or vignette to use the road for a longer period of time. They can be enabled or disabled separately from toll roads.								
•	Per-use Toll	- Mappy PND includes toll roads (pay roads where there is							
	a per-use charge) in plans the best toll-fre	the routes by default. If you disable toll roads, Mappy PND ee route.							
•	🧱 Ferries	- Mappy PND includes ferries in a planned route by default.							
		es not necessarily contain information about the accessibility You might also need to pay a fare on ferries.							
•	Sunpaved Roads	- Mappy PND excludes unpaved roads by default: unpaved							
	roads can be in a bad condition and usually you cannot reach the speed limit them.								
•	Carpool	- Carpool or HOV lanes can be used if a given number of							
		elling in the vehicle. You should check whether you are ool lanes before enabling this road type.							

- The route has already been recalculated. Tap Back to return to the Map screen. The orange line now shows the new recommended route.
  - 69

# **3.5 Saving a location as a Favourite destination**

You can add any location to Favourites, the list of frequently used destinations. Planning a route to one of the Favourite destinations is described on page 55.

- 1. Select a destination as described before. It can be an address, a Place, any location on the map, a previously used destination from History, etc.
- 2. When the full screen map appears with the selected location in the middle, tap



4. (optional) Using the keyboard, you can change the name offered for the Favourite. Tap

to enter numbers or symbols.

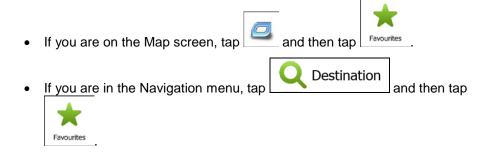
3.

			<enter a="" favourite="" for="" name="" the=""></enter>										+				
			Q	w	E	-	R	т	ŀ	Y	U		I	o	Р		
				A	s	D		F	G	ŀ	•	J	K	(	L		
			Ŧ	z	×	۲	с		•	v	в	ľ	N	м	123		
			🔶 Back				🗖 More 🗸 🛛					~	Don	e			
5.	Тар	🗸 Done	:0 Sa	ave	the	e lo	oca	atio	n a	as	a١	nev	w	Fav	/our	ite destina	ation.

# 3.5.1 Editing the details of a Favourite destination

You can select a location that you have already saved as a Favourite and edit its details. Adding a location to the list of Favourite destinations is described on page 70.

1. Access the list of Favourites:



2. The list of Favourite destinations is displayed.

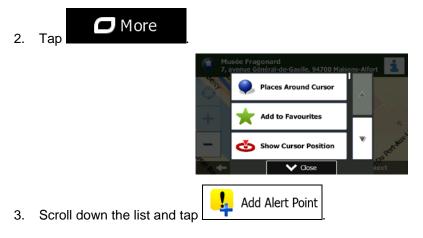


- 3. Tap the Favourite that you want to edit. If necessary, browse down to see more of the list or tap filter and enter a few letters from the name of the Favourite destination.
- 4. A full screen map appears with the selected point in the middle.
- 5. Tap \_\_\_\_\_ to see the details of the selected Place.
- 6. Tap any of the data fields and modify its content.
- 7. Tap and hold to return to the map.

## 3.6 Saving a map location as an alert point

You can save any map location as an alert point (for example a speed camera or a railway crossing).

1. Browse the map and select a location. The red Cursor appears there.



4. On the newly opened screen, select the type of the alert point, the direction from which you expect the alert, and (if applicable) the speed limit for this alert point.

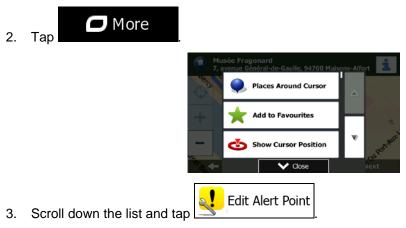
		Type of Alert	Speed Camera	
		► Direction of Alert		
		Speed Limit 50 km/h		
		- Back	✓ Save	
5.	Tap 🗸 Save	to save the location as	s a new alert poi	

# 3.7 Editing an alert point

5. Tap

You can edit a previously saved or uploaded alert point (for example a speed camera or a railway crossing).

1. Browse the map and select the alert point to edit. The red circle appears around the alert point.



4. On the newly opened screen, modify the type of the alert point, the direction from which you expect the alert, or (if applicable) the speed limit for this alert point.

	Type of Alert		Speed Camera
	O Direction of Alert		
	Speed Limit 80 km/h		
	🗲 Back	More	✓ Save
✓ Save	to save the cha	nges to th	e alert point.

## **3.8** Watching the simulation of the route

You can run a simulated navigation that demonstrates the active route. Do as follows:

- Menu 1. If you are on the Map screen, tap to return to the Navigation menu. **Route Options** In the Navigation menu, tap 2. 1:56 A 164 kr ₩ 🐭 ۵ 🚹 Overview 2 Edit Route P Avoidances Cancel Route O Mor 🗖 More 3. Tap Route Alternatives Itinerary Settings
- 4. Scroll down the list and tap Simulate Navigation. The simulation starts from the starting point of the route, and using a realistic speed, it leads you through the whole recommended route.

7	Unnamed road				
900 m		1		_	DP -
	K	u	M	1x	
					112
Back		Cours /	Nbert 1er	•	Distance 146 km

- 1. (optional) You have the following controls during the simulation (the control buttons disappear after a few seconds but you can open them again if you tap the map):
  - Jump to the next route event (manoeuvre).
    Pause the simulation.
    - : Jump to the previous route event (manoeuvre).

	• N		use the speed of the simulation to 4, 8 or 16 times faster. rn to the normal speed.
2.	Тар	Back	to stop the simulation.

# **4 Off-road navigation**

When first started, Mappy PND calculates routes using the road network of the high quality vector maps provided with the product. You can switch the application to off-road mode in Route settings in one of the following ways:



Most of the procedures described for on-road navigation also apply to off-road navigation. However, there are some that are not available in this navigation mode (for example you cannot open the itinerary as you have no manoeuvres just route points and straight lines between them).

## **4.1 Selecting the destination of the route**

Selecting the start point or a destination (waypoint or final destination) is the same as described at on-road navigation. The only difference is that route points are linked to form a route with straight lines regardless of the road network and traffic regulations.

## 4.2 Navigating in off-road mode

The real difference between the on-road and off-road modes is the navigation itself. When you are on the Map screen with an off-road route:

- your position and heading is not aligned with the nearest road and
- there is no turn by turn navigation just a recommended direction.

You see a orange line drawn between your current position and the next destination to reach. The Turn Preview field in the top left corner shows a compass with your bearing and the distance of the next destination.



When you reach a waypoint, the orange line will show the direction to the next destination. (Future legs of the route are shown with orange lines.)

When you reach the final destination, navigation ends.

## **5** Reference Guide

On the following pages you will find the description of the different concepts and menu screens of Mappy PND.

## **5.1 Concepts**

### 5.1.1 Smart Zoom

Smart Zoom provides much more than just a usual automatic zoom feature:

- While following a route: when approaching a turn, it will zoom in and raise the view angle to let you easily recognise your manoeuvre at the next junction. If the next turn is at a distance, it will zoom out and lower the view angle to be flat so you can see the road in front of you.
- While driving without an active route: Smart Zoom will zoom in if you drive slowly and zoom out when you drive at high speed.

### **5.1.2 Daytime and night colour themes**

Mappy PND uses different colour themes during the day and during the night for both the map and the menu screens.

- Daytime colours are similar to paper road maps, and the menus are bright.
- The night colour themes use dark colours for large objects to keep the average brightness of the screen low.

Mappy PND offers different daytime and night colour profiles. It can also switch automatically between the daytime and the night schemes based on the current time and GPS position a few minutes before sunrise, when the sky has already turned bright, and a few minutes after sunset, before it becomes dark.

## 5.1.3 Tunnel view



The top-down overview of the tunnel helps you orientate yourself. The remaining distance in the tunnel is also displayed.

After leaving the tunnel, the original map view returns.

This feature can be turned off in Settings (page 94).

### **5.1.4 Route calculation and recalculation**

Mappy PND calculates the route based on your preferences:

- Route planning methods:
  - Fast : Gives a quick route if you can travel at or near the speed limit on all roads. Usually the best selection for fast and normal cars.

• Short : Gives a route that has the smallest total distance of all possible routes. It can be practical for slow vehicles.

• Green : Gives a quick but fuel efficient route based on the fuel consumption data given in Route settings (page 88). Travel cost and CO<sub>2</sub> emission calculations are estimations only. They cannot take elevations, curves and traffic conditions into account.



: For vehicle types where Green routing is not available, this method combines the benefits of Fast and Short: Mappy PND calculates as if it were calculating the Fast route, but it takes other roads as well to save fuel.

• Easy • Results in a route with fewer turns and no difficult manoeuvres. With this option, you can make Mappy PND to take, for example, the motorway instead of a series of smaller roads or streets.

• Vehicle types:

When creating a new vehicle profile, select one of the below vehicle types. Besides the below mentioned conditions, dimension, weight and freight hazard restrictions can also be taken into account when planning a route.



- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for cars is allowed.
- Private roads and resident-only roads are used only if they are inevitable to reach the destination.
- Walkways are excluded from routes.

# hedestrian

- Neither manoeuvre restrictions nor directional constraints are taken into account when planning a route.
- Roads are used only if access for pedestrians is allowed.
- Controlled-access roads are excluded from routes.
- A private road is used only if the destination is there.
- Speed limits are not used in route calculation and an average walking speed is used when calculating the estimated time of arrival.

# 💑 Bicycle

- Manoeuvre restrictions and directional constraints (if they are applied to bicycles in the map data) are taken into account when planning a route.
- Roads are used only if access for bicycles or pedestrians is allowed.
- Controlled-access roads are excluded from routes.
- A private road is used only if the destination is there.
- Speed limits are not used in route calculation and an average cycling speed is used when calculating the estimated time of arrival.



- All manoeuvres are available in intersections.
- Directional constraints are taken into account the way that opposite direction is allowed with a low speed.
- A private road is used only if the destination is there.
- Walkways are excluded from routes.



- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for buses is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.

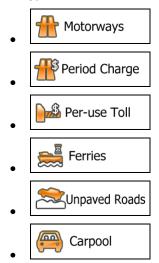


- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for taxis is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.



- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for lorries is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.
- U-turns are excluded from routes (turning back on a divided road is not considered as a U-turn).

• Road types used or avoided in route calculation:



Whenever data exist, route calculation takes into account statistical traffic data for the given day of week and time of day .

Mappy PND automatically recalculates the route if you deviate from the proposed itinerary.

For further information about Route settings, see page 88.

### 5.1.5 Green routing

Route calculation is not only about finding the quickest or shortest route. For some of the vehicle types, you can also check the fuel consumption and  $CO_2$  emission when planning a route, and you can create cost effective routes with less effect on the environment.

In Route settings, you can edit the parameters of the selected vehicle. Enter the fuel consumption values and the price of the fuel. You can also select whether you want to see the difference between your route and the green route even if the selected routing method is not Green.

Green

After the above parameters are set, select  $\$  as route planning method to get a fast but also fuel efficient route. Note that travel cost and CO<sub>2</sub> emission calculations are estimations only. They cannot take elevations, turns, curves and traffic conditions into account. Also, this routing is not meant to give you the "greenest" route of all. It is still important to travel quickly so the result is a fast route with low fuel consumption and CO<sub>2</sub> emission.

With a vehicle type where green routing is selectable, whichever route planning method is selected, the Green details are also shown when you confirm the route:



If the selected route planning method is not Green, and you have allowed the application to show the green alternative, the price, fuel consumption and  $CO_2$  emission differences between your selected route and the Green route are also shown on this screen:



Tap the field with these details to switch the route to Green immediately.

### 5.1.6 Road safety cameras and other proximity alert points

There is a special proximity warning for road safety cameras (like speed or red light cameras) and other proximity alert points (like schools or railroad crossings). These alert points are not part of Mappy PND. You can download them from www.naviextras.com or you can upload points in a specific text file if needed.

You can also add your own alert points or edit the previously uploaded points. See page 71 for details.

The application can warn you when you approach road safety cameras like speed cameras or dangerous areas like school zones or railroad crossings. You can set up the different alert types individually in Sound and Warning settings (page 85).

The following alert types are available:

- Audio warning: beeps can be played while you are approaching one of these points, or extra alert sounds if you exceed the given speed limit while approaching.
- Visual warning: the type of the alert point, its distance and the related speed limit appear on the Map screen while you are approaching one of these cameras.

For some of the alert points, the enforced or expected speed limit is available. For these points, the audio alert can be different if you are below or above the given speed limit.

- Only when speeding: The audio alert is only played when you exceed the given speed limit.
- When approaching: The audio alert is always played when approaching one of these alert points. In order to draw your attention, the alert can is different when you exceed the speed limit.

The warning for road safety cameras is disabled when you are in a country where road safety camera warning is prohibited. However, you must ensure on your own liability that using this feature is legal in the country where you intend to use it.

### 5.1.7 Speed limit warning

Maps may contain information about the speed limits of the road segments. Mappy PND is able to warn you if you exceed the current limit. This information may not be available for your region (ask your local dealer), or may not be fully correct for all roads in the map.

The maximum speed set in the vehicle profile is also used for this warning. Mappy PND alerts you if you exceed the preset value even if the legal speed limit is higher.

Speed warning can be fine-tuned in Sound and Warning settings (page 85).

You can set the relative speed above which the application initiates the warning.

The following alert types are available:

- Audio warning: you receive a verbal warning when you exceed the speed limit with the given percentage.
- Visual warning: the current speed limit is shown on the map when you exceed it (for



You can also choose to see the speed limit sign on the map all the time.

### 5.1.8 Battery and GPS position quality indicators

You can find useful information in the top corners of menu screens.

The battery symbol in the top left corner, next to the current time shows information about the rechargeable battery of the device.

Icon	Description
Î	The battery is charging. The device runs on external power.
<b></b>	The battery is not charging but it is full.
	The battery is not full but it still has enough capacity.
	You need to recharge the battery.

In the top right corner, the GPS reception quality icon shows the current accuracy of the position information.

Icon	Description
ו•●	Mappy PND has no connection to the GPS receiver: GPS navigation is not possible.
	Devices with a built-in GPS receiver are permanently connected. On such devices, the icon does not appear in normal circumstances.
<b>×</b> •••	Mappy PND is connected to the GPS receiver, but the signal is too weak and the receiver cannot determine the GPS position. GPS navigation is not possible.
*•••	Only a few satellites are received. Position information is available, but elevation (altitude) cannot be calculated. GPS navigation is possible, but the position error may be significant.
ו•●	Altitude information is available, the position is a 3D position. GPS navigation is possible.

### **5.1.9** Traffic information in route planning

The recommended route is not always the same between two points. Offline statistical traffic information (historical speed information or traffic patterns) can be taken into account in the route calculation based on the time of day and the day of week whenever suitable data exists. The function is subject to data availability.

You can display the historical traffic information on the map if you browse the map and select this option from the More menu. A 2D map is displayed with road segments coloured by the density of the traffic in the given period. The current information is shown when you open the screen. Modify the day of week and the time of day to see the desired period.

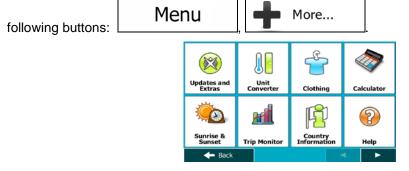
#### **5.1.9.1 Historical traffic**

If statistical traffic information is stored with the map data, Mappy PND can take them into account when planning a route. In normal cases, these statistics help you avoid usual traffic jams on the given day of week in the given hour but in some cases like on public holidays that fall on normal weekdays, they can be misleading. You can disable this feature in Traffic settings (page 87).

You can display statistical traffic information on the map if you browse the map and select this option from the More menu.

## 5.2 'More' menu

The 'More' menu provides you with various options and additional applications. Tap the



Button	Description
Updates and Extras	Visit www.naviextras.com to get additional content, such as new maps or 3D landmarks and useful applications.
Unit Converter	Access travel applications: the unit converter helps you convert between various different international units for temperature, speed, area or pressure, etc.
Clothing	Access travel applications: the clothing size converter helps you convert between various different international size units for men's or women's cloth types and shoes.
Calculator	The scientific calculator helps you in all your calculation needs. Tap the Mode button for additional functions and use the memory to save your results.
Fuel Consumption	The Fuel consumption monitor helps you keep track of the consumption of your car even if you do not use navigation for all your journeys. Set the initial odometer value and then record the distance taken and fuel filled in whenever you fill your car. You can also set reminders for regular car maintenance.
Sunrise & Sunset	Tap this button to see the sunlit and dark areas of the world. Your current location and route points are marked on the map. Tap the Details button to see the exact sunrise and sunset times for all your route points (your current location, all waypoints and the final destination).
Trip Monitor	If you save your trip logs when you arrive at some of your destinations or let the application automatically save the trip logs for you, those logs are all listed here. Tap one of the trips to see the trip statistics, speed and altitude profile. If track log has also been saved, you can display it on the map with the selected colour. Track logs can be exported to GPX files for later use.
Country Information	Select a country from the list and see useful driving information about the selected country. Information may include speed limits on different road types, the maximum blood alcohol level and any compulsory equipment you need to show when stopped by the police.



Run the Demo and watch sample route simulations to see how navigation works.

The About section provides you with product information. Read the Software and Database End User License Agreement, or check the map and other contents of the application. You can also access program usage statistics.

## 5.3 Settings menu

You can configure the program settings, and modify the behaviour of Mappy PND. Tap the

following buttons:	Menu	×			
The Settings menu	ı has several options.	Тар	or scroll with	your finger to see th	ne full list.
	Sound and	Warnings	· · ·		

Sound and Warnings	
Customise Quick Menu	
Traffic	_
🛞 Route Settings	v
- Back	

Button	Description
Sound and Warnings	Adjust the sound volume, mute your device or change the voice guidance language. In addition, you can enable and set up different warnings and alerts.
Customise Quick Menu	The content of the Quick menu (page 20) is fully customisable. Tap the button you want to change, and select its new function from the list.
驞 Traffic	The recommended route is not always the same between two points. Whenever suitable data exists, traffic information can be taken into account in the route calculation.
Route Settings	These settings determine how routes will be calculated. Select the type of vehicle you are driving, the road types used in route planning, and the route planning method.
User Profiles	If more drivers use Mappy PNDfor navigating, their settings can be remembered by using one of the user profiles.
Map settings	You can fine-tune the appearance of the Map screen. Adjust the map view to your needs, choose suitable colour themes from the list for both daytime and night use, change the blue arrow to a 3D car model, show or suppress 3D buildings, turn track logging on or off, and manage you Place visibility sets (which Places to show on the map).
Visual Guidance	Adjust how the software helps you navigate with different kinds of route related information on the Map screen.

Display	Display related settings include menu animations and separate skins for daytime and night use.
Regional	These settings allow you to customise the application for your local language, measurement units, time and date settings and formats, as well as to choose the time zone.
Trip Monitor	Trip logs and track logs contain useful information about your trips. Trip logs can be saved manually when you reach your destination or you can turn on the automatic saving here.
Log Collection	The application collects usage information and GPS logs that may be used for improving the application and the quality and coverage of maps. Here you can enable or disable collecting these logs.
Start Configuration Wizard	Modify the basic software parameters set during the initial setup process. For details, see page 7.
Reset to Defaults	Delete all saved data and reset all settings to their factory defaults.

## **5.3.1 Sound and Warnings**

Adjust the sound volume, mute your device or change the voice guidance language. In addition, you can enable and set up different warnings and alerts.

Button	Description		
Volume	Tap this button to adjust the volume of the different sounds in the application. A new screen shows the different sound types and their controls. See below for details.		
Voice language	This button shows the current voice guidance profile. By tapping the button, you can select a new profile from the list of available languages and speakers. Tap any of these to hear a sample voice prompt. Just tap <b>Back</b> when you have selected the new spoken language.		
TTS Pro	<ul> <li>Tap this button to adjust the enhanced TTS features. The following settings are available:</li> <li>You can set the feature to read out traffic messages.</li> <li>Whenever a route is calculated, the software can read out the quick summary of the route.</li> <li>When you cross country borders, the application can read out the information about the country you have just entered.</li> <li>All system messages can also be announced.</li> </ul>		
Verbosity Level	Tap this button to set the verbosity of the voice instructions: how much they tell and how often they speak.		

Speed Warning Settings	Maps may contain information about the speed limits of the road segments. Mappy PND is able to warn you if you exceed the current limit. This information may not be available for your region (ask your local dealer), or may not be fully correct for all roads in the map.
	The maximum speed set in the vehicle profile is also used for this warning. Mappy PND alerts you if you exceed the preset value even if the legal speed limit is higher.
	This setting lets you decide whether you wish to receive visible and/or audible warnings.
	Adjust the slider to set the relative speed above which the application initiates the warning.
	The following alert types are available:
	<ul> <li>Audio warning: you receive a verbal warning when you exceed the speed limit with the given percentage.</li> </ul>
	<ul> <li>Visual warning: the current speed limit is shown on the map when you exceed it.</li> </ul>
	If you prefer to see the speed limit sign on the map all the time (normally it is shown only if your speed exceeds it), you can set it here.
Alert Point Settings	This feature allows you to receive a warning when approaching a Road Safety Camera or other alert points like school zones or railroad crossings. You must ensure on your own liability that using this feature is legal in the country where you intend to use it.
	You can set the alert for the different alert point categories individually. The following alert types are available:
	<ul> <li>Audio warning: beeps can be played while you are approaching one of these points, or extra alert sounds if you exceed the given speed limit while approaching.</li> </ul>
	<ul> <li>Visual warning: the type of the alert point, its distance and the related speed limit appear on the Map screen while you are approaching one of these cameras.</li> </ul>
	For some of the alert points, the enforced or expected speed limit is available. For these points, the audio alert can be different if you are below or above the given speed limit.
	<ul> <li>Only when speeding: The audio alert is only played when you exceed the given speed limit.</li> </ul>
	• When approaching: The audio alert is always played when approaching one of these alert points. In order to draw your attention, the alert is different when you exceed the speed limit.
Warning Sign Alerts	Maps may contain driver alert information. Tap this button to turn on or off these warnings and to set the distance from the hazard to receive the warning at. These can be set individually for the different warning types.

You can control the volume of the following sound types:

Button	Description
Master	This is the main volume control. These controls affect all below sounds. They can also be accessed from the Quick menu.
Voice	These controls affect the volume of the guidance sounds (verbal instructions).
Ding	Turn off the attention tone preceding verbal instructions or adjust its volume.
Alerts	These controls affect the volume of the non verbal alert sounds (beeps).
Key Sounds	Key sounds provide audible confirmation of tapping the touch screen. These controls affect key sounds.

### Controls for each sound type:

Button	Description
Volume slider	Adjusts the volume of the related sound.
•))	Use the switch to mute the related sound. The slider becomes inactive. Tap again to re-enable.

## 5.3.2 Customise Quick menu

The content of the Quick menu (page 20) is fully customisable. Tap the button you want to change, and select its new function from the list.

The list of available functions and their descriptions are on page 20.

## **5.3.3 Traffic settings**

The recommended route is not always the same between two points. Whenever suitable data exists, traffic information can be taken into account in the route calculation.

Button	Description
Historical Traffic	Use this switch to enable or disable historical traffic data and traffic patterns. This locally stored information can be very useful in normal circumstances but for example on public holidays it may be better to turn off in order not to take into account normal weekday traffic jams.

## **5.3.4 Route settings**

These settings determine how routes will be calculated.

Button	Description
Vehicle	You can set the type of vehicle you will use to navigate the route. Based upon this setting, some of the road types can be excluded from the route, or some of the restrictions may not be taken into account in route calculation.
	You can edit the parameters of the selected vehicle profile, or you can even create new vehicle profiles if you tap More.
Navigation Mode	On-road navigation creates a turn by turn itinerary using the road network on the map. Switch to off-road navigation to navigate between destinations in a straight line.
Route Planning Method	The route calculation can be optimised for different situations and vehicle types by changing the planning method. See below for details.

To let the route fit your needs, you can also set which road types are to be considered for or to be excluded from the route if possible.

Excluding a road type is a preference. It does not necessarily mean total prohibition. If your destination can only be accessed using some of the excluded road types, they will be used but only as much as necessary. In this case a warning icon will be shown on the My Route screen, and the part of the route not matching your preference will be displayed in a different colour on the map.

In the list of road types you can see in how many segments and what total length of the road type is used in the current route.

Button	Description
Hotorways	You might need to avoid motorways when you are driving a slow car or you are towing another vehicle.
Period Charge	Charge roads are pay roads where you can purchase a pass or vignette to use the road for a longer period of time. They can be enabled or disabled separately from toll roads.
Per-use Toll	Mappy PND includes toll roads (pay roads where there is a per-use charge) in the routes by default. If you disable toll roads, Mappy PND plans the best toll-free route.
Ferries	Mappy PND includes ferries in a planned route by default. However, a map does not necessarily contain information about the accessibility of temporary ferries. You might also need to pay a fare on ferries.
Unpaved Roads	Mappy PND excludes unpaved roads by default: unpaved roads can be in a bad condition and usually you cannot reach the speed limit on them.
Carpool	Carpool or HOV lanes can be used if a given number of passengers are travelling in the vehicle. You should check whether you are allowed to use carpool lanes before enabling this road type.

## Vehicle profiles:

When you first tap \_\_\_\_\_\_, you see the list of default vehicle profiles. You have the following options:

Button	Description
*	You can edit the parameters of the vehicle profile.
🗖 More	Tap this button to reveal the below options.
Add Profile	Tap this button to create your own vehicle profile.
Restore All Profiles	Tap this button to reset all vehicle profiles to their default settings.

When creating a new vehicle profile, first you need to select the vehicle type. Then you need to set the following parameters (some of them may not exist for the selected vehicle type). You can modify the same parameters when you edit an existing profile:

Button	Description	
Name	Tap this button to rename the profile for something meaningful.	
Fuel Consumption Urban	Enter the average consumption of your vehicle when used in built-up areas. The unit for consumption can be set in Regional Settings.	
Fuel Consumtion Rural	Enter the average consumption of your vehicle when used on highways. The unit for consumption can be set in Regional Settings.	
Type of Engine	Select the engine and fuel type of your vehicle. This helps in estimating the $\text{CO}_2$ emission.	
Price of Fuel	Enter the average fuel price for travel cost calculation. The currency can be set in Regional Settings.	
Max. Speed	Set the maximum speed you travel with the vehicle.	
Use Extended Settings	Check this box to enable more settings for the below parameters.	
Length	Set the total length of the vehicle.	
Width	Set the width of the vehicle.	
Height	Set the height of the vehicle.	
Trailer	Set if there is a trailer attached to the vehicle.	

Maximum Allowed Weight	Set the maximum allowed weight of the vehicle.
Actual Weight	Set the actual weight of the vehicle.
Freight	Select one or more hazard types if the vehicle carries dangerous material.

### Vehicle types:

When creating a new vehicle profile, select one of the below vehicle types. Besides the below mentioned conditions, dimension, weight and freight hazard restrictions can also be taken into account when planning a route.



- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for cars is allowed.
- Private roads and resident-only roads are used only they are inevitable to reach the destination.
- Walkways are excluded from routes.

A Pedestrian

- Neither manoeuvre restrictions nor directional constraints are taken into account when planning a route.
- Roads are used only if access for pedestrians is allowed.
- Controlled-access roads are excluded from routes.
- A private road is used only if the destination is there.
- Speed limits are not used in route calculation and an average walking speed is used when calculating the estimated time of arrival.



- Manoeuvre restrictions and directional constraints (if they are applied to bicycles in the map data) are taken into account when planning a route.
- Roads are used only if access for bicycles or pedestrians is allowed.
- Controlled-access roads are excluded from routes.
- A private road is used only if the destination is there.
- Speed limits are not used in route calculation and an average cycling speed is used when calculating the estimated time of arrival.

Emergency

• All manoeuvres are available in intersections.

- Directional constraints are taken into account the way that opposite direction is allowed with a low speed.
- A private road is used only if the destination is there.
- Walkways are excluded from routes.



- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for buses is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.

## 🍻 Taxi

- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for taxis is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.



- Manoeuvre restrictions and directional constraints are taken into account when planning a route.
- Roads are used only if access for lorries is allowed.
- Private roads, resident-only roads and walkways are excluded from routes.
- U-turns are excluded from routes (turning back on a divided road is not considered as a U-turn).

### **Route Planning Method types:**

Button	Description
Fast	Gives a quick route if you can travel at or near the speed limit on all roads. Usually the best selection for fast and normal cars.
Short	Gives a short route to minimise the distance to travel. Usually practical for pedestrians, cyclists or slow vehicles. Searching for a short route regardless of the speed, this route type is rarely practical for normal vehicles.
Green	Gives a quick but fuel efficient route based on the fuel consumption data given in Route settings (page 88). Travel cost and $CO_2$ emission calculations are estimations only. They cannot take elevations, curves and traffic conditions into account.

Economical	For vehicle types where Green routing is not available, this method combines the benefits of Fast and Short: Mappy PND calculates as if it were calculating the Fast route, but it takes other roads as well to save fuel.
Easy	Results in a route with fewer turns and no difficult manoeuvres. With this option, you can make Mappy PND to take, for example, the motorway instead of a series of smaller roads or streets.

### **5.3.5** User profiles

If more drivers use Mappy PNDfor navigating, their settings can be remembered by using one of the user profiles. Rename the profiles after tapping the edit button on the right so that all users know which profile to use and switch between profiles by tapping its name. If you select a new profile, the application restarts so that the new settings can take effect.

Driver profile 01	
Driver profile 02	1
Driver profile 03	1
Driver profile 04	
- Back	

### 5.3.6 Map settings

You can fine-tune the appearance of the Map screen. Adjust the map view to your needs, choose suitable colour themes from the list for both daytime and night use, change the blue arrow to a 3D car model, show or hide 3D buildings, turn track logging on or off, and manage you Place visibility sets (which Places to show on the map).

The map is always shown on the screen so that you can see the effect when you change a setting.



Button	Description
View Mode 3D	Switch the map view between a 3D perspective view and a 2D top- down view.
Viewpoint Normal	Adjust the basic zoom and tilt levels to your needs. Three levels are available.
Automatic Overview ON	When selected, the map zooms out to show an overview of the surrounding area if the next route event (manoeuvre) is far. When you get close to the event, the normal map view returns.
Colours Auto	Switch between daytime and night colour modes or let the software switch between the two modes automatically a few minutes before sunrise and a few minutes after sunset.
Day Map Colour	Select the colour scheme used in daytime mode.
Night Map Colour	Select the colour scheme used in night mode.
3D vehicle Gallery	Replace the default position marker to one of the 3D vehicle models. You can select separate icons for different vehicle types selected for route planning. Separate icons can be used for car, pedestrian and the other vehicles.
Landmarks ON	Show or suppress 3D landmarks, 3D artistic or block representations of prominent or well-known objects.
Buildings ON	Show or suppress 3D city models, 3D artistic or block representation of full city building data containing actual building size and position on the map.
Relief ON	Show or suppress the 3D elevation of the surrounding terrain.
Track Logs ON	Turn on or off track log saving, that is, saving the sequence of the locations your journeys go through.
Place Markers	Select which Places to show on the map while navigating. Too many Places make the map crowded so it is a good idea too keep as few of them on the map as possible. For this, you have the possibility to save different Place visibility sets. You have the following possibilities:
	Tap the checkbox to show or hide the Place category.
	<ul> <li>Tap the name of the Place category to open the list of its subcategories.</li> </ul>
	• Tap to save the current Place visibility set or to load a previously saved one. Here you can also revert to the default visibility settings.

# 5.3.7 Visual guidance settings

Adjust how the software helps you navigate with different kinds of route related information on the Map screen.

Data Fields	The data fields in the corner of the Map screen can be customised. Tap this button and select the values you want to see. The values can be different when you navigate a route from when you are just cruising without a given destination. You can select general trip data like your current speed or the altitude, or route data related to your final destination or the next waypoint on your route.
Motorway Services	You may need a petrol station or a restaurant during your journey. This feature displays a new button on the map when you are driving on motorways. Tap this button to open a panel with the details of the next few exits or service stations. Tap any of them to display it on the map and add it as a waypoint to your route if needed.
Facility Types	Select the service types displayed for the motorway exists. Choose from the POI categories.
Signpost	Whenever adequate information is available, lane information similar to the real ones on road signs above the road is displayed at the top of the map. You can turn this feature on or off.
Junction View	If you are approaching a motorway exit or a complex intersection and the needed information exists, the map is replaced with a 3D view of the junction. You can turn this feature on or let the map be displayed for the whole route.
Tunnel View	When entering tunnels, the surface roads and buildings can be disturbing. This feature shows a generic picture of a tunnel instead of the map. A top-down overview of the tunnel and remaining distance are also displayed.
Route Progress Bar	Turn on the route progress bar to see your route as a straight line on the left side of the map. The blue arrow represents your current position and moves up as you travel. Waypoints and Traffic events are also displayed on the line.
Offer Congestion Detour on Highways	When you slow down while driving on a motorway, there is a chance that you are in a traffic jam so Mappy PND offers you a detour using the next exit. The message shows you distance of the exit and the difference in distance and estimated time compared to the original route. You can choose from one of the following options:
	<ul> <li>Tap Dismiss or just ignore the message if you want to keep the original route.</li> <li>Tap Preview to see the overview of the original route and the</li> </ul>
	detour to make the decision. You can accept the detour as offered or increase the bypassed motorway segment before accepting.
	<ul> <li>Turn to the suggested new direction and the route will be automatically recalculated.</li> </ul>

Offer Real-time Route Alternatives	Similar to the above possibility, alternative routes can be suggested when driving on normal roads. Mappy PNDwill select a different turn in the upcoming intersection and offers you a different route for the next section of the route.
	Your options are the similar as above but you cannot modify the offered detour.
Offer Parking Around Destination	Parking at the destination may not be easy in city areas. As you approach the destination, Mappy PND can offer parking category Places near your destination. Tap the "P" button to open a top-down map with the destination and the offered parking Places. Select one and modify the route accordingly.
Offer Hints Upon Detour	If you leave the recommended route and suddenly exit the motorway, the application offers different alternatives near the exit like petrol stations or restaurants. Also, if there are avoidable parts of the original route ahead (like a tunnel, a toll road or a ferry), you will find them in the list in case you want to bypass them with the help of Mappy PND.

## **5.3.8 Display settings**

Display related settings include menu animations, separate skins for daytime and night use and the brightness of the display.

Menu Animations	When animation is turned on, buttons on menus and keyboard screens appear in an animated way. Screen transitions are also animated.	
Day Skin Theme	Select the style and colours of the application used in daytime mode.	
Night Skin Theme	Select the style and colours of the application used in night mode.	
Current Backlight	Adjust the display backlight.	

## **5.3.9 Regional settings**

These settings allow you to customise the application for your local language, measurement units, time and date settings and formats, as well as to choose the time zone.

Button	Description
Program language	This button displays the current written language of the user interface. By tapping the button, you can select a new language from the list of available languages. The application will restart if you change this setting; you are asked to confirm this.

Units and Formats	You can set the distance units to be used by the program. Mappy PND may not support all the listed units in some voice guidance languages.	
	Select between 12 and 24 hours time display and the various international date display formats.	
	You can also set other country specific units used to display diffe values in the application.	
Time Zone	By default, time zone is taken from the map information and adjusted by your current location. Here you can set time zone and daylight saving	
	manually.	

## **5.3.10** Trip monitor settings

Trip logs contain useful information about your trips. Trip logs can be saved manually when you reach your destination or you can turn on the automatic saving here. You can access these logs in the Trip monitor. Trip monitor is available from the More menu.

Enable auto-saving	Trip monitor can record statistical data of your trips. If you need these logs later, you can let the application save them automatically for you.
Trip database size	This is not a button. This line shows the current size of the trip database, the sum of all trip and track logs saved.
Save track log	Track logs, the sequence of the positions given by the GPS receiver, can be saved together with trip logs. They can later be displayed on the map. You can let the application save the track log whenever it saves a trip.

## **5.3.11** Log collection settings

If you accept this when first using the application, it collects usage information and GPS logs that may be used for improving the application and the quality and coverage of maps. The data is processed anonymously; no one will be able to track any personal information.

Here you can enable or disable collecting these logs.

Application Usage Info	Anonymous statistical information on using the navigation software is collected for later development purposes. Understanding how different people use the application can help us improve the user interface and the program workflow.
SPS Tracks	Anonymous track logs are collected for later development purposes. Your trips can help us improve the quality and coverage of maps.

## **6** Glossary

### 2D/3D GPS reception

The GPS receiver uses satellite signals to calculate its (your) position and needs at least four signals to give a three-dimensional position, including elevation. Because the satellites are moving and because objects can block the signals, your GPS device might not receive four signals. If three satellites are available, the receiver can calculate the horizontal GPS position but the accuracy is lower and the GPS device does not give you elevation data: only 2D reception is possible.

#### Active route

The currently navigated route. Whenever the destination is set, the route is active until you delete it, reach your destination or you quit Mappy PND. See also: Route.

#### **City Centre**

The city/town centre is not the geometric centre of the city/town but an arbitrary point the map creators have chosen. In towns and villages, it is usually the most important intersection; in larger cities, it is one of the important intersections.

#### **Colour theme**

Mappy PND comes with different colour themes for daytime or night use of the map and menu screens. Themes are custom graphic settings and they can have different colours for streets, blocks or surface waters in 2D and 3D modes, and they display shades or shadows in different ways in 3D mode.

One daytime scheme and one night scheme is always selected for the map and for the menus. Mappy PND uses them when it switches from day to night and back.

#### **GPS** accuracy

Several factors have impact on the deviation between your real position and the one given by the GPS device. For example, signal delay in the ionosphere or reflecting objects near the GPS device have a different and varying impact on how accurately the GPS device can calculate your position.

#### Map

Mappy PND works with digital maps which are not simply the computerised versions of traditional paper maps. Similarly to the paper road maps, the 2D mode of digital maps show you streets, roads, and elevation is also shown by colours.

You can use digital maps interactively: you can zoom in and out (increase or decrease the scale), you can tilt them up and down, and rotate them left and right. In GPS-supported navigation, digital maps facilitate route planning.

### North-up map orientation

In North-up mode the map is rotated so its top always faces North. This is the orientation for example in Find on Map.

### **Road Safety Camera**

Special alert points for speed, red light or bus lane cameras. Different data sources are available. You can configure Mappy PND to warn you when you approach one of these cameras.

Detecting the location of Road Safety Cameras is prohibited in certain countries. It is the sole responsibility of the driver to check whether this feature can be used during the trip.

The software is capable of showing and warning for more than just cameras. Various other types of proximity alert points like school zones and railway crossings are also available.

#### Route

A sequence of route events, i.e. manoeuvres (for example, turns and roundabouts) to reach the destination. The route contains one start point and one or more destinations. The start point is the current (or last known) position by default. If you need to see a future route, the start point can be replaced with any other given point.

#### Track-up map orientation

In Track-up mode the map is rotated so its top always points in the current driving direction. This is the default orientation in 3D map view mode.

#### Vehimarker

The current position is shown with a blue arrow on the map by default. The direction of the blue arrow shows the current heading. This position marker can be replaced with different 3D vehicle symbols. You can even specify different Vehimarkers for different route types (depending on which vehicle type is selected for route calculation).

## 7 End User Licence Agreement

1 The contracting parties

1.1 This Agreement has been entered into by and between NNG Software Developing and Commercial Ltd. (registered seat: 23 Bérc utca, H-1016 Budapest, Hungary; company reg.no.: 01-09-891838) as Licensor (hereinafter: Licensor) and You as the end user (hereinafter: User; the User and the Licensor jointly referred to as: Parties) in subject of the use of the products specified in this Agreement, including software products, databases and content.

2 Conclusion of the Agreement

2.1 The Parties hereby acknowledge that this Agreement shall be concluded by implicit conduct of the Parties without signing the Agreement.

2.2 The User hereby acknowledges that following the lawful acquisition (online purchase from authorized vendor or preinstalled on purchased Device) of the software product constituting the object of this Agreement (Section 4), any degree of use, installation into a computer or other hardware equipment (mobile phone, multi-function device, personal navigation device, in-car navigation or multi function head unit, etc.) (hereinafter referred to as: "Device"), installation of such Device into a vehicle, pressing of the "Accept" button displayed by the software during installation or use (hereinafter referred to as: "Use") shall mean that the User has accepted the terms and conditions of this Agreement as legally binding. The time of conclusion of the present Agreement is the time of executing the first action of use (commencement of use).

2.3 This Agreement shall by no means authorize Use of the software product by those persons having unlawfully acquired the software product or having unlawfully installed it on a Device or in a vehicle.

2.4 U.S. Government Users. If you acquire the Software Product by or on behalf of the United States Government or any other entity seeking or applying rights similar to those customarily claimed by the United States Government, you are on notice that the Software Product and the Databases, content and services are commercial items as that term is defined at 48 C.F.R ("FAR") 2.101 and that all use of the Software Product is subject to this Agreement.

3 Applicable laws and regulations

3.1 Any action related to this Agreement will be governed by the laws of the Republic of Hungary, with specific reference to Act IV of 1959 on the Civil Code and to Act LXXVI of 1999 on Copyrights (the "Copyright Act") shall apply. The United Nations Convention on Contracts for the International Sales of Goods is hereby excluded from application to this EULA.

3.2 The parties hereby agree that the courts of the Republic of Hungary will have exclusive jurisdiction to rule on any disputes arising in connection with this Agreement.

3.3 The original language version of this Agreement is the Hungarian version. This Agreement has versions in other languages as well. In case of dispute the Hungarian version shall prevail.

4 Object of the Agreement and Termination

4.1 The object of this Agreement shall be the navigation guidance software product of Licensor (hereinafter referred to as: the "Software Product").

4.2 The Software Product shall include the operating computer program, its complete documentation, the map database pertaining thereto and any third-party contents and services accessible through the Software Product (hereinafter together referred to as: the "Database").

4.3 Any form of display, storage, coding, including printed, electronic or graphic display, storage, source or object code, or any other as yet undefined form of display, storage, or coding, or any medium thereof shall be deemed parts of the Software Product.

4.4 Error corrections, additions, updates or upgrades to the Software Product or the Databases used by the User following the conclusion of this Agreement shall also be deemed parts of the Software Product and Used in accordance with this Agreement.

4.5. Your rights under this Agreement will terminate immediately without notice from Licensor if you materially breach it or take any action in derogation of Licensor's and/or its licensors' rights to the Software Product. Licensor may terminate this Agreement if any Software Product becomes, or in Licensor's reasonable opinion likely to become, the subject of a claim of intellectual property infringement or trade secret misappropriation. Upon termination, you will cease use of, and destroy Software Product and all parts of it and confirm compliance in writing to Licensor, if requested.

#### 5 Rights under copyright

5.1 Unless otherwise provided by law or contractual provisions, the Licensor is the sole and exclusive owner of all material copyrights vested in the Software Product.

5.2 Copyrights extend to the whole Software Product and to its parts separately as well.

5.3 The owner(s) of the copyrights of the Database or certain works protected by intellectual property rights, that are forming part of the Software Product is (are) the Licensor, or natural person(s) or corporate entity(ies) owners of certain Databases (hereinafter referred to as: "Database Owner"). Some Database Owners are listed in the "About" or similar menu item of the Software Product. The Licensor hereby states that it has obtained sufficient usage and representation rights from the Database Owners in order to utilize the Database, to offer it for utilization and to transfer it for utilization as set forth in this Agreement.

5.4 Pursuant to this Agreement, all rights vested in the Software Product shall remain in the ownership of the Licensor, except for those to which the User is entitled under law or by virtue of this Agreement.

#### 6 Rights of the User

6.1 By default the User is entitled to install the Software Product on one Device having a single GPS sensor built in, and to run and use one copy of the Software Product or a preinstalled copy of the Software Product thereon. The Software Product and Database is for the User's personal or internal business use only.

6.2 The User is entitled to make one backup copy of the Software Product. However, if the Software Product operates after installation without the use of the original media copy, then the original media copy shall be deemed to be a backup copy. In all other cases, the User is only entitled to use the backup copy if the original media copy of the Software Product has been ascertainably and unequivocally rendered unsuitable for its lawful and intended use.

6.3 In the event that the Software Product comes preinstalled on- or otherwise licensed together with the Device or purchased online for and installed by the User for a specific Device, the Software Product shall be tied to the Device and may not be separated-, transferred to-, or used with another Device or sold to another User without selling the Device itself.

6.4 The Database, content or services provided to User may only be used together with User's copy of the Software Product and may not be used separately or with another copy of the Software Product.

#### 7 Limitations of use

7.1 The User is not entitled

7.1.1 to duplicate the Software Product (to make a copy thereof) except to the extent allowed by this Agreement or Applicable law;

7.1.2 to resell, sublicense or use it for commercial purposes, use to lease, rent or lend it, or to transfer it to a third person for any reason without transferring the Device on which it was first legally installed on (see section 6.3);

7.1.3 to translate the Software Product (including translation (compilation) to other programming languages);

7.1.4 to decompile, disassemble, or reverse engineer the Software Product;

7.1.5 to evade the protection of the Software Product or to modify, circumvent or obviate such protection through technological or by any other means;

7.1.6 to modify, extend, transform the Software Product (in whole or in part), to separate it into parts, combine it with other products, install it in other products, utilize it in other products, not even for the purpose of achieving interoperability with other devices;

7.1.7 apart from using the computer program, to obtain information from the Database as a part of the Software Product, to decompile the Database, to use, copy, modify, extend, transform the Database in whole or in part or the group of data stored therein, or to install it in other products or otherwise, utilize it in other products or to transfer it, not even with the aim of achieving interoperability with other products.

7.2 The User may only use the Databases, content and services available through the Software Product and provided by third parties and the data received through the services provided by third parties (including but not limited to the traffic data received from the RDS TMC or on-line TMC traffic information service) for his/her own personal benefit and at his/her own risk. It is strictly prohibited to store, to transfer or to distribute these data or contents or to disclose them in full or in part to the public in any format or to download them from the product.

7.3 The User is not entitled to remove, modify or obscure of any copyright, trademark notice, or restrictive legend included in the Software Product, the Database, content or services.

8 No warranty, limitation of liability

8.1 The Licensor hereby informs the User that although the greatest care was taken in producing the Software Product, given the nature of the Software Product and its technical limitations, the Licensor does not provide a warranty for the Software Product being completely error-free, and the Licensor is not bound by any contractual obligation whereby the Software Product obtained by the User should be completely error-free.

8.2 THE LICENSED SOFTWARE PRODUCTS, DATABASES, CONTENT AND SERVICES ARE PROVIDED ON AN "AS IS" AND "WITH ALL FAULTS BASIS" (INCLUDING NO WARRANTY FOR THE CORRECTION OF FAULTS) AND LICENSOR, THE DATABASE OWNERS AND THIRD PARTY SUPPLIERS EXPRESSLY DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY, SATISFACTORY QUALITY, ACCURACY, TITLE AND FITNESS FOR A PARTICULAR PURPOSE. NO ORAL OR WRITTEN ADVICE OR INFORMATION PROVIDED BY LICENSOR OR ANY OF ITS AGENTS, DATABASE OWNERS, EMPLOYEES OR THIRD PARTY PROVIDERS SHALL CREATE A WARRANTY, AND USER IS NOT ENTITLED TO RELY ON ANY SUCH ADVICE OR INFORMATION. THIS DISCLAIMER OF WARRANTIES IS AN ESSENTIAL CONDITION OF THE AGREEMENT.

Licensor does not warrant that the Software Product, Database, content or service are capable of interoperating with any other system, Device or product (e.g. software or hardware).

8.3 The Licensor does not assume any responsibility for damages incurred due to an error in the Software Product (including errors of the computer program, the documentation and the Database).

8.4 The Licensor does not assume any responsibility for damages incurred due to the Software Product not being applicable for any defined purpose, or due to the error or incompatibility of the Software Product with any other system, device or product (e.g. software or hardware).

8.5 NEITHER LICENSOR NOR ITS SUPPLIERS SHALL BE LIABLE TO USER FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT OR EXEMPLARY DAMAGES ARISING OUT OF THIS AGREEMENT, INCLUDING LOST PROFITS OR COSTS OF COVER, LOSS OF USE OR BUSINESS INTERRUPTION OR THE LIKE, REGARDLESS OF WHETHER THE PARTY WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN, THIRD PARTY SUPPLIERS (E.G. DATABASE OWNERS, MAP PROVIDERS) OR AGENTS OF LICENSOR SHALL HAVE NO MONETARY LIABILITY TO THE USER FOR ANY CAUSE (REGARDLESS OF THE FORM OF ACTION) UNDER OR RELATING TO THIS AGREEMENT.

8.6 The Licensor also draws the attention of the User to the fact that, when using the Software Product in any form of vehicle, observing the traffic regulations and rules (e.g. use of obligatory and/or reasonable and suitable security measures, proper and generally expected care and attention in the given situation, and special care and attention required due to the use of the Software Product) is the exclusive responsibility of the User. The Licensor shall not assume any responsibility for any damages occurred in relation to use of the Software Product in a motor vehicle.

8.7 By concluding the Agreement, the User shall, in particular, acknowledge the information stated in Section 8 above.

9 Sanctions

9.1 The Licensor hereby informs the User that, if the Licensor finds its rights under the Copyright Act to be breached, the Licensor may

9.1.1 seek judicial recognition of this breach;

9.1.2 demand that the breach cease and order the person in breach to refrain from continuing such actions;

9.1.3 demand that the person under breach give proper compensation (even by way of publicity at the expense of the person in breach);

9.1.4 claim the return of the increase of assets due to the breach;

9.1.5 demand the cease of the wrongful action and, demand restitution to its state before the breach was committed at the expense of the person in breach, and may demand the destruction of instruments and materials used to commit the breach as well as of the products created by the breach;

9.1.6 claim for damages.

9.2 The Licensor hereby also informs the User that the breach of copyrights and related rights is a crime under Act IV of 1978 on the Hungarian Criminal Code, which may be sentenced of two years in prison in basic cases and up to eight years in prison in aggravated cases.

9.3 Content and services provided by third parties. The Licensor hereby excludes any liability of its own for the Database in the Software Product and for any content or service provided by a third party by using the Database. The Licensor does not warrant the quality, suitability, accuracy, fitness for a specific purpose or territorial coverage of the Database, content, product or service or the availability of the Database, content, product or service, and it specifically excludes any liability for the suspension or cancellation of the service, and any damage arising in relation to the service or for complete cancellation of the service. User acknowledges that the mapping data in Databases contains geographical data and other data.

The User hereby acknowledges that (i) inaccurate or incomplete information due to the passage of time, changing circumstances, sources used and the nature of collecting comprehensive geographic data, may each lead to incorrect results; and (ii) that the Database, contents and services provided by third parties may only be used at the risk of the User and for the personal or internal business benefit of the User. User acknowledges that the Databases, content and services are the confidential

information of Database Owners and disclosure of the Databases to third parties is prohibited.

USE OF THE SOFTWARE PRODUCT'S REAL TIME ROUTE GUIDANCE FUNCTION IS AT USER'S SOLE RISK AS LOCATION DATA MAY NOT BE ACCURATE.

9.4 Content and services provided by the Licensor or an agent of the Licensor. For certain Software Products the Licensor or a contractual partner may offer various products and services to the User through www.naviextras.com. The User may only use these services when the User has read and understood the relevant end user license agreement(s) at www.naviextras.com and the User is obliged to use the services in line with the terms and conditions thereof.

9.5 Purchase and acquisition of activation license for the use of certain functions, Databases, content or services may require Internet connection with no alternative way of acquisition offered by Licensor.

10 Anonymous data collection

10.1 The User hereby acknowledges that the Software Product may collect, transmit to Licensor or third parties, and in some cases store data connected to the usage of the Software Product by the User (e.g. movement/route data, user interaction data). Such data collection functions may be disabled or enabled by User any time from within the corresponding menu. The collected data is always anonymous, not associated in any way with any personal information of the User or with the User itself.

10.2 The collected data may be uploaded to Licensor's database or transmitted periodically or in real time to a third party partner and used exclusively for the purpose of enhancing and improving the precision and reliability of features and services of the Software Product and the Databases. Uploading is executed through Licensor's special software or by the User navigation device, and the upload may be enabled or disabled by User. After successful data upload, the collected data is deleted from the Software Product storage media.

10.3 Collected data is transmitted, stored and handled anonymously and no connection of the data with the User shall be established by Licensor or any third party.

10.4 Licensor hereby informs the User, that if it accesses the Internet through mobile data service while abroad or otherwise roaming another mobile network the transmission of such data may result in special roaming charges. To avoid such charges it is the responsibility of the User to disable mobile data services while roaming or to turn off the data collection functions of the Software Product.

11 Online Content Service Auxiliary Terms

11.1 For online content services the following auxiliary terms shall also apply. Database content (e.g. weather-, traffic info, location based info) may be supplied by Licensor to the User's Device through an Internet connection (hereinafter: "Online Content Services"). Such Content may be granted for a fee or free of charge subject to Licensor's decision. Ensuring access to the Internet is the responsibility of the User.

11.2 Online Content Services in general are not available in all countries, furthermore different conditions and Service characteristics may apply in different countries. Use of certain Online Services may be prohibited in various countries. It is the User's responsibility to comply with country specific regulation. Licensor excludes its liability for the consequences of illegal use of such functions and User shall indemnify and hold Licensor harmless from all claims against Licensor from authorities or third parties due to the illegal use.

11.3 Online Content is downloaded by the Software Product from Service Provider's Online content servers. The Licensor hereby excludes any liability of its own for the Online content. The Licensor does not warrant the quality, suitability, accuracy, fitness for a specific purpose or territorial coverage of the Online content, furthermore no warranty is offered regarding the availability (e.g. uptime) of Online content servers. User acknowledges that in any territory or time, slow- or non-connectivity may be experienced due to capacity limitations of Licensor's servers. The Software Product may allow the User to access and communicate third party servers directly. In such

cases use of such servers is for User's own risk entirely. Licensor shall not undertake any liability whatsoever for such servers and services accessed and received directly form third parties.

11.4 User acknowledges that the data or information provided through Online Content Services is not updated in real-time and may not accurately reflect the real life situation or events.

11.5 The User hereby acknowledges that the Online Content Services may only be used at the risk of the User and for the personal benefit of the User. It is the sole responsibility of the User to provide and maintain a connection to the public Internet network. User accepts that the usage of the Online Content Services generates data traffic (up- and downstream) and may result in increased data service fees payable by User.

11.6 Online Content Services may provide data, information or materials supplied and/or licensed by third parties to Licensor. For such materials different terms and conditions imposed by such third parties may apply. Applicable third party terms shall be referred in the "About" section of the Software Product or as part of this Agreement. When first using / enabling Online Content, User accepts compliance with those third party terms and conditions.

11.7 Discontinuation. Licensor reserves the right to discontinue provision or access to any Online Content Service with or without prior notice to the User. Such discontinuation shall not entail any consequences other than here stated. In case of discontinued Online Content Services that were (i) provided for a pre-paid fee, AND (ii) such fee covers the use of the Online Content Service for a definite term (i.e. pre-paid subscription service), User shall be entitled to a refund proportionate to the term remaining from such definite term from the time of the discontinuation.

11.8. Community Services. Some Online Content Services may be based on data and information uploaded by participating individuals (Users or other persons) or a Database created and maintained by a group of such individuals. Such data may not come from a trusted source and may also be intentionally false or misleading, as Licensor does not have any means to control or verify the credibility or accuracy of such data or the individuals providing the data. Therefore User accepts that community type Online Content Services must be used with extreme care.

By participating in the community by providing data or any information via the Software Product or other means offered by Licensor (e.g. through a website or other software), User shall accept the following:

(a) Licensor is granted a royalty free right to use the data uploaded, in particular, to modify, display, make available to the public, distribute, copy the data for any purpose;

(b) User warrants that not third party has any rights that would hinder or render impossible the use of the data as set out in (a) above, and that no third party rights are infringed by uploading the data on those conditions;

(c) User indemnifies and holds harmless Licensor from any claim from a third party against Licensor due to violation of its rights regarding the uploaded data.

12 Third Party Terms

12.1 Google Local Search. User acknowledges that Google Local Search (GLS) functionality is provided by the usage of Google, Inc.'s service to the User. User hereby accepts all conditions of Google's Terms of Service provided at http://www.google.com/accounts/TOS. User accepts that the Google Local Search is declared "deprecated" and is not commercially supported by Google, Inc. and also it may be made unavailable without notice by Google in accordance with the relevant terms of service at http://code.google.com/intl/hu-HU/apis/websearch/terms.html.

# 8 Copyright note

The product and the information contained herein are subject to change without prior notification.

This manual may not, in whole or in part, be reproduced or transmitted in any form either electronically or mechanically, including photocopying and recording, without the express written consent of Logicom S.A.

© 2013 - Logicom S.A

© 2013 NAVTEQ. All rights reserved.

Albania: Andorra: Austria: Belarus: Belgium: Bosnia and Herzegovina: Bulgaria: Croatia: Czech Republic: Denmark: Estonia: Finland: France: FYROM: Germany: Gibraltar: Greece: Hungary: Italy: Latvia: Liechtenstein: Lithuania: Luxembourg: Moldova: Monaco: Montenegro: Norway: Poland: Portugal: Ireland: Romania: Russia: San Marino: Serbia: Slovak Republic: Slovenia: Spain:	© 2005 NAVTEQ. All rights reserved. © 1993 NAVTEQ. All rights reserved. © 1996 NAVTEQ. All rights reserved. © 2013 NAVTEQ. All rights reserved. © 2005 NAVTEQ. All rights reserved. © 2002 NAVTEQ. All rights reserved. © 2002 NAVTEQ. All rights reserved. © 2005 NAVTEQ. All rights reserved. © 2005 NAVTEQ. All rights reserved. © 2005 NAVTEQ. All rights reserved. © 2001 NAVTEQ. All rights reserved. © 2013 NAVTEQ. All rights reserved. © 2013 NAVTEQ. All rights reserved. © 2013 NAVTEQ. All rights reserved. © 2003 NAVTEQ. All rights reserved. © 2004 NAVTEQ. All rights reserved. © 2005 NAVTEQ. All rights reserved. © 2001 NAVTEQ. All rights reserved. © 2004 NAVTEQ. All rights reserved. © 2005 NAVTEQ. All rights reserved. © 2004 NAVTEQ. All rights reserved. © 2005 NAVTEQ. All rights reserved. © 2004 NAVTEQ. All rights rese
San Marino: Serbia:	© 2005 NAVTEQ. All rights reserved. © 1994 NAVTEQ. All rights reserved. © 2005 NAVTEQ. All rights reserved.
•	© 2002 NAVTEQ. All rights reserved.

All rights reserved.