

Welcome

ITURANGPS is a personal navigation solution. Based on GPS technology, it provides a simple and accurate navigation through visual indications and voice instructions, which includes names of roads and locations, door-to-door navigation and detailed information about places.

ITURANGPS provides you with detailed and accurate digital maps of the entire world, through a simple but yet powerful interface.

On starting your navigation, you'll notice that **ITURANGPS** have intuitive menus, and it is extremely efficient in its primary function: Choosing the best route to your destination.

If you want to search for a specific function in your **ITURANGPS**, look it up in the "How To..." contents table. You can also browse through the manual for more comprehensive details on all the functions on your new **ITURANGPS**.



Driving in Palestinian Authority territories (YESHA or ABC Areas in the West Bank) while using **ITURANGPS** navigation device, can be dangerous and may consequence in real danger to life and property.

Ituran is will not be responsible for any damage or impairment done while driving in Palestinian Authority territories and encourage its customers to follow the security forces instructions in any case

For your safety, by default **ITURANGPS** will not navigate trough YESHA C areas, you can change this in the 'Settings' ⇒ 'Route Settings' menu

Áreas A and B are strictly blocked and will never be used by Ituran GPS.

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Anything in your Fingertip

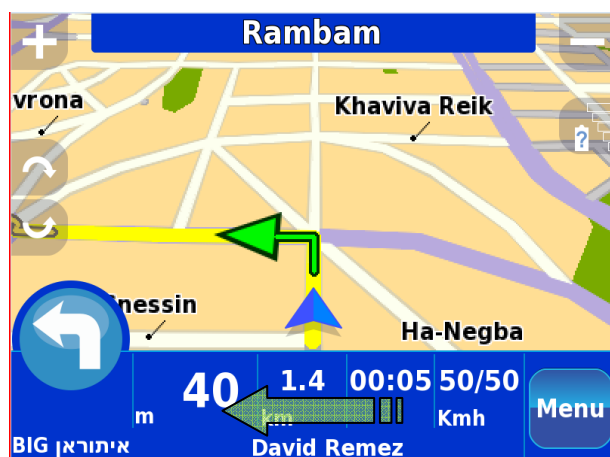
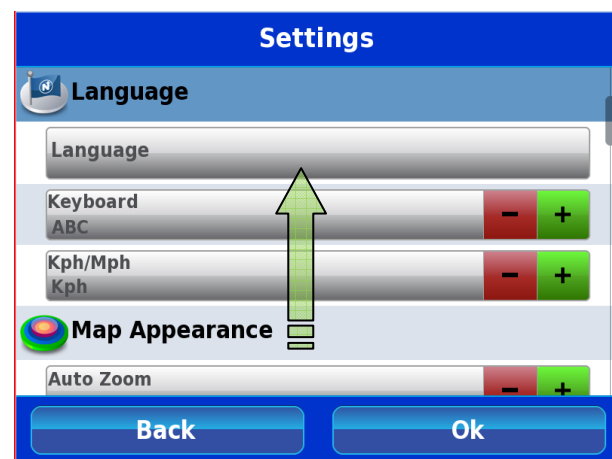
You can use your finger to slide the screen horizontally in all **ITURANGPS** Menu system, so that you can have more options on side Menus. This gesture recognition can also be used to "go back" on selected Menus.

Whenever a list of results is shown, you can also use your finger to vertically scroll through all the results. There are a number of settings that can be adjusted to better adapt **ITURANGPS** to your needs.



Drag the menu screen to get more options

Drag the list, to scroll it up or down

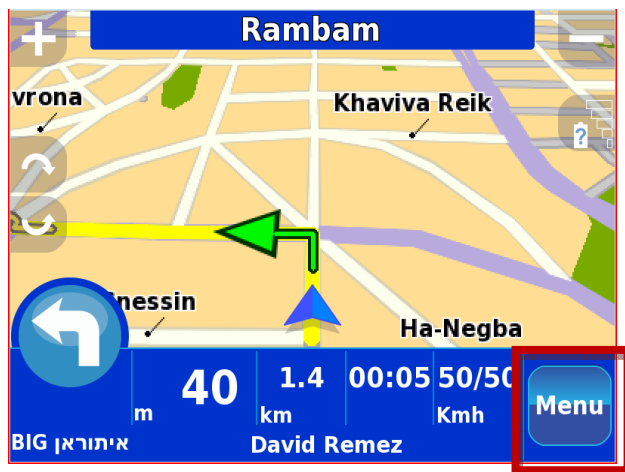


Drag the information line, to mute driving instructions

Customizing your ITURANGPS

The Basics - Change Speaker and Lighting levels

To configure speaker and lighting level settings on your **ITURANGPS**, follow the next steps:



Press the 'Menu' button from the map screen



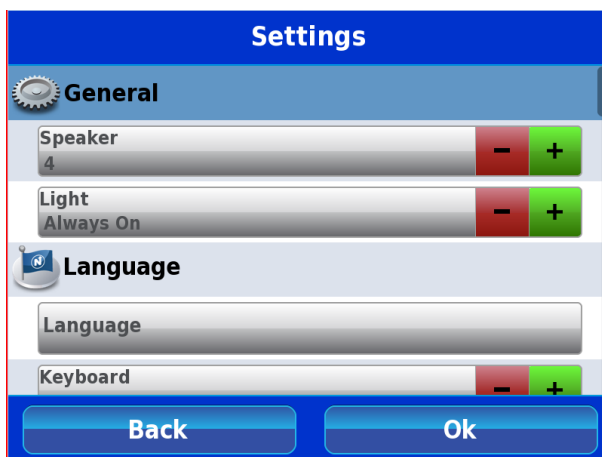
Drag to the left
(Note: This screen may look differently if you are in the middle of Navigation)



Press the 'Settings' button



Press the 'General' Settings



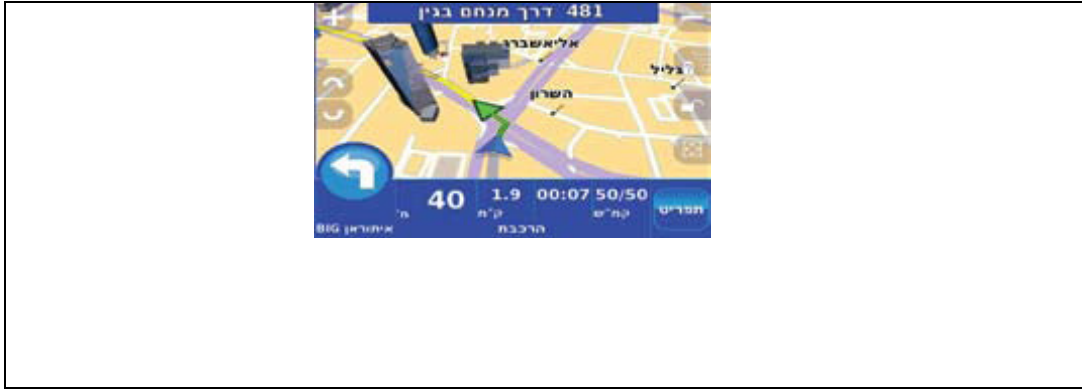
Use the '+' and '-' buttons next to the Speaker and Light labels to change the settings

- **Speaker:** Change the **ITURANGPS** voice instruction volume, from “Off” up to level 5. Always set a volume level that doesn’t interfere with your driving;



You can mute your **ITURANGPS** voice instructions during navigation from the map screen by dragging your finger from right to left on the bottom bar, unmute by dragging your finger from left to right



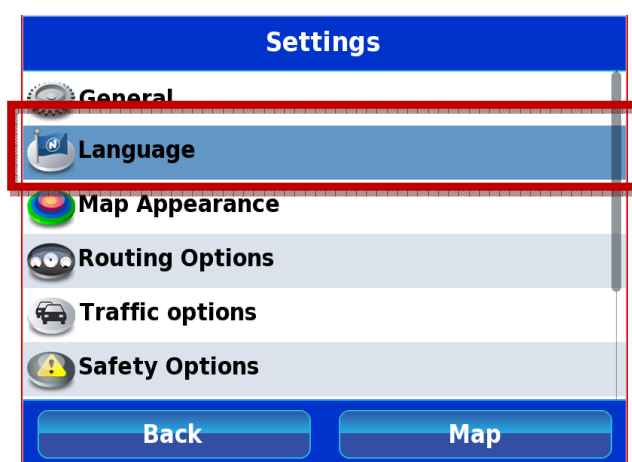


- **Light:**
- Please note that some devices carry their own Light Settings and are controlled through the device original interface and not by **ITURANGPS**
- Manage the backlight levels
 - **Always On:** Backlight stays on (only on selected models);
 - **Smart Power Save:** Backlight decreases after the set time but increases just before all manoeuvres. This settings is meant to save your device's battery;
 - **System:** Backlight keeps the device's definitions.

Changing Language, Voice of Directions and Localization

You can set the language and other localization options for your **ITURANGPS**. Please note that when changing the language of the spoken instructions the system will also automatically change the menus to the language you choose.

In order to change the language and voice start by following the instruction in 'The Basics - Change Speaker and Lighting levels' to enter the 'Settings' Menu



Press the 'Language' settings

- Change the language and the voice direction by pressing the 'Language' button
- Change the keyboard layout between 'ABC' and 'QWERTY' by pressing the 'Keyboard' button
- Change the units of measure between Kilometres and Miles by pressing the Kph/Mph button

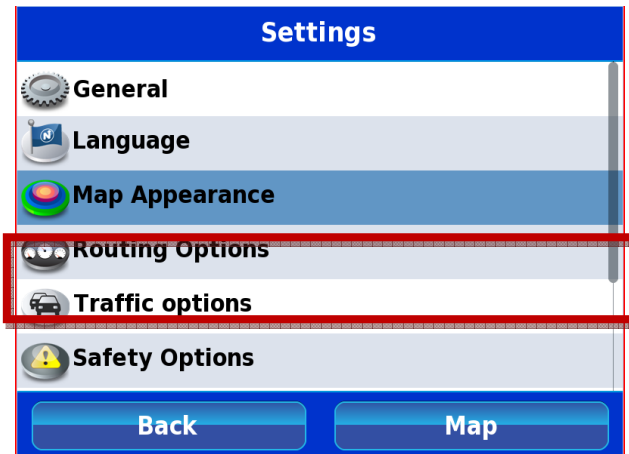


When changing language, you may notice that each language can have multiple voices, select the one that best suits you

Changing the Map Appearance

You can set your map screen preferences to decide how you view the map and its components.

Start by following the instruction in 'The Basics - Change Speaker and Lighting levels' to enter the 'Settings' Menu.



Press the 'Map Appearance'.

Drag down to see all the map appearance options

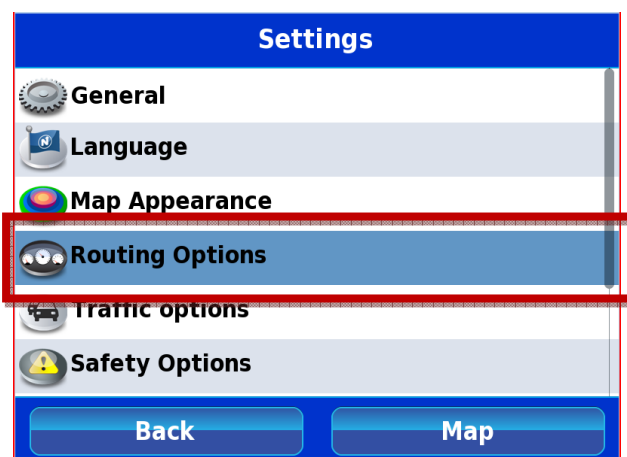


- **Auto Zoom:** You can turn the map's automatic zoom on or off. When **ITURANGPS** is following a route the automatic zoom will change according to the speed you're travelling, automatically adjusting to allow a better view of the map;
- **3D Landmarks:** Enable or disable 3D buildings
- **Templates:** Allows you to choose your map colour scheme. There is a big choice of scheme colours, including some especially designed for night;
- **Favourite:** Allows adding, editing, removing and exporting all your favourite's categories. By default **ITURANGPS** comes packed with three categories: 'Personal', 'Friends' and 'Work'. but you can create an unlimited number for your preferences;
- **Point Of Interest:** You can choose groups and Point Of Interest (POI) categories that will visible on the map. Use this option to make your POI categories graphically more relevant.

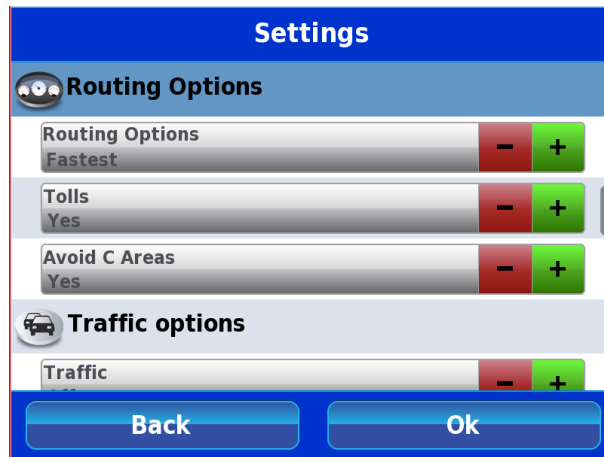
Changing Routing Options and Toll Roads Usage

You can set the way **ITURANGPS** calculates travelling route

Start by following the instruction in 'The Basics - Change Speaker and Lighting levels' to enter the 'Settings' Menu.



Press the 'Routing Options'



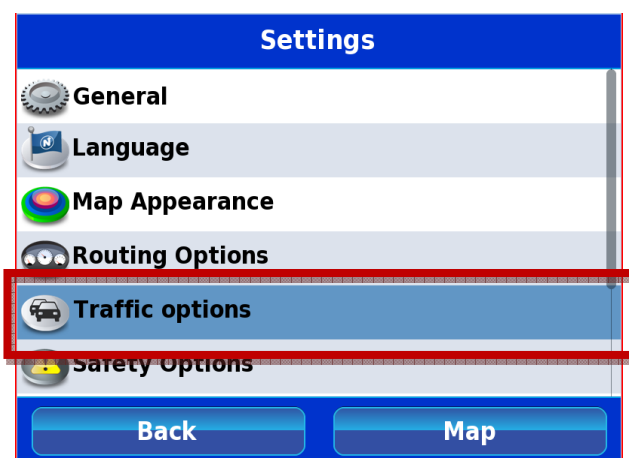
- **Routing Options:**
 - **Fastest:** ITURANGPS will calculate routes by giving high priority to faster roads, such as Highways or Freeways, minimizing travel time
 - **Shortest:** Choosing the shortest way, minimizing the driving distance
 - **Pedestrian Mode:** ITURANGPS will calculate routes suitable for pedestrian walk, without considering traffic signs and one-way roads direction.
 - **Adventure Mode:** Off-road navigation. Refer to "Adventure Mode" chapter for more details.
- **Tolls:** when set, ITURANGPS will use toll roads (Road 6) to minimize travel time or distance when needed
- **Avoid C areas:** When calculating its route, ITURANGPS will avoid YESHA C areas. Please note that ITURANGPS shall not be responsible of any changes made to this settings and recommends to avoid Yesha C roads for security reasons.

Changing Traffic Settings

This feature will be available only on selected devices in the future.

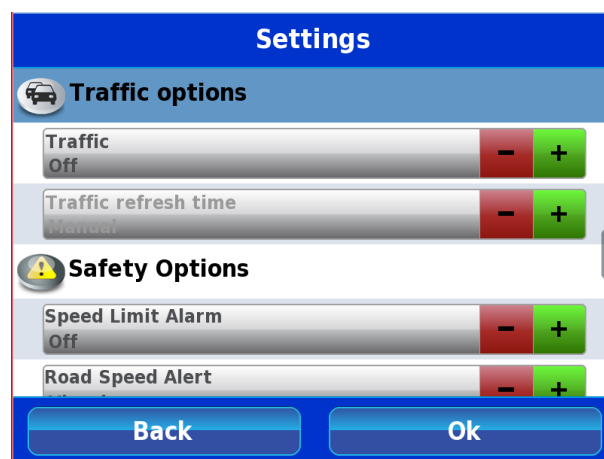
You can change the automatic traffic data and the automatic route recalculation when new traffic data is received.

Start by following the instruction in 'The Basics - Change Speaker and Lighting levels' to enter the 'Settings' Menu.



Press the 'Traffic options'

- Select 'Traffic Options' to turn traffic data reception On or Off
- Select 'traffic refresh time' to set the time interval when traffic data is being pooled



Changing Alerts Settings

You can set alerts parameters for safer driving. The alerts will notify you on passing the allowed speed, and location of speed limit radars

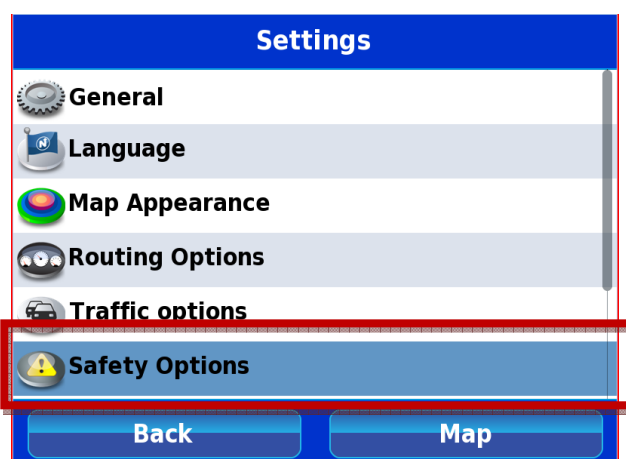


Ituran will not be responsible for the accuracy of the alarms locations.

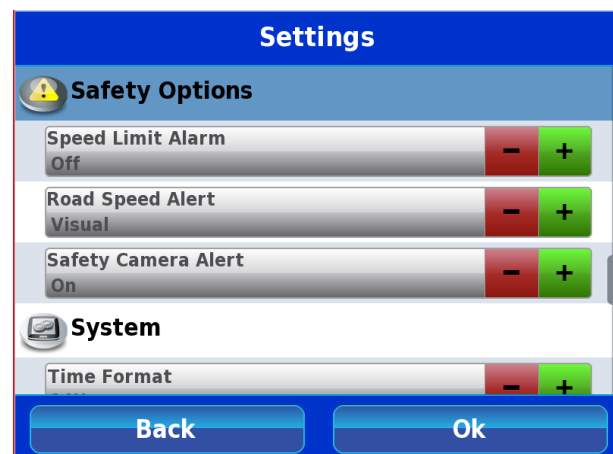
The alerts are presented purely as a service to the driver and should not by any means be considered as recommendation to break the law

Ituran is recommending that you will always drive according to the driving laws and road condition.

Start by following the instruction in 'The Basics - Change Speaker and Lighting levels' to enter the 'Settings' Menu.



Press the 'Safety Options' from the 'Settings' screen

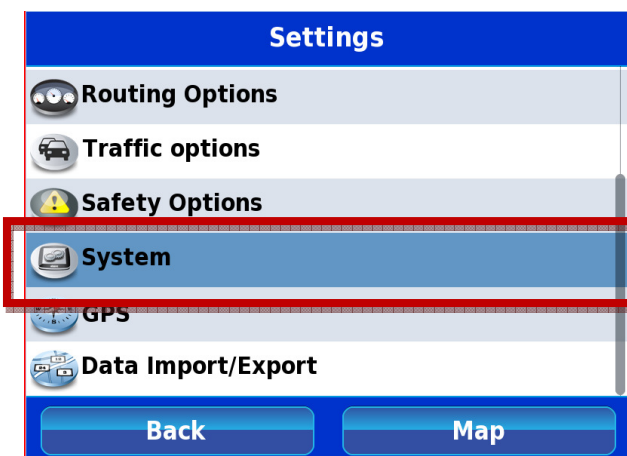


- **Speed Limit Alarm:** Setting a 'Speed Limit Alarm' will activate a warning alarm every time you exceed the speed that you have set. The alarm will be activated regardless of the actual speed limit allowed in the road
Note: Actual speed is always lower than the one shown by your vehicle's speed indicator.
- **Road Speed Alert:** Every road has a legal speed limit. You can be warned each time you exceed the speed limit of the road you're travelling on.
You can be notified with a visual signal, sound, or both according to your preferences.
- **Safety Camera Alert:** Enable or disable the fixed radar alert (where available). You can also import new fixed radar packages in "kml" format. For more information see Ituran's web page at www.ituran.com.

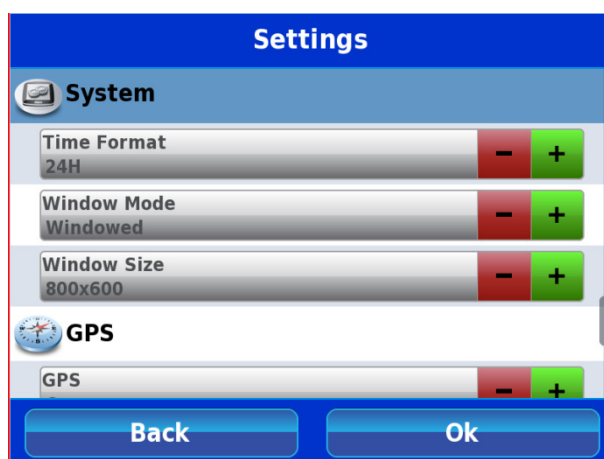
Changing Time and System Settings

In this menu you can change some system settings. The options available in this chapter may vary depending on the specific device model

Start by following the instruction in 'The Basics - Change Speaker and Lighting levels' to enter the 'Settings' Menu.



Press the 'System' options from the 'Settings' screen



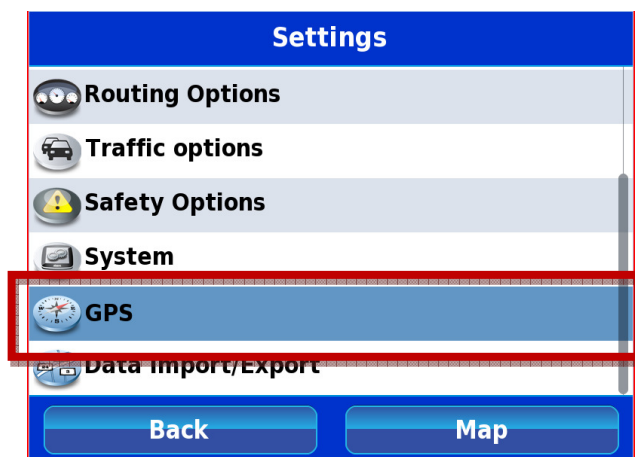
- **Time Format:** Use 12 or 24 hour format
- **Time zone:** Define your local time zone
- **Calibrate screen:** On selected **ITURANGPS** models, you can use this feature to re-calibrate the screen, improving its precision.

Changing GPS Settings

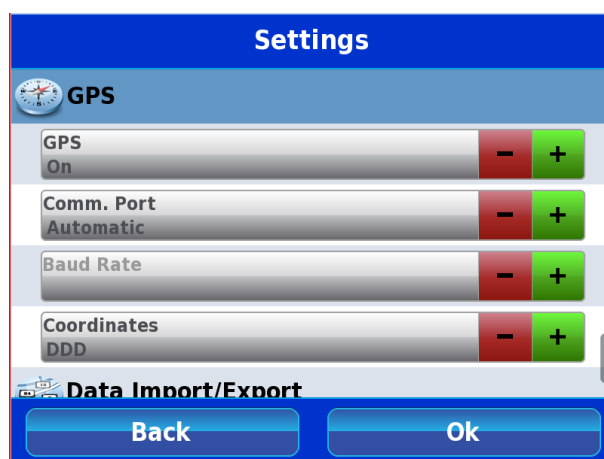
In this menu you can set some of the GPS configuration parameters.

The actual screen may vary according to your device model

Start by following the instruction in 'The Basics - Change Speaker and Lighting levels' to enter the 'Settings' Menu.



Press the 'GPS' option from the 'Settings' screen

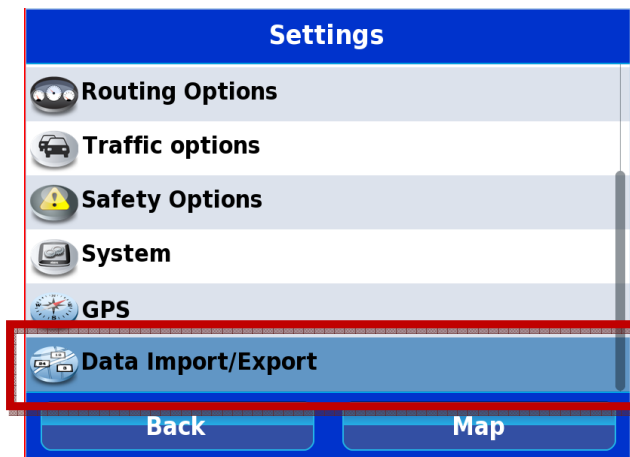


- **GPS:** You can turn on or off the GPS signal reception. This option becomes useful whenever you need to explore the map on an open area, where normally the device would try to locate your position after a few seconds and change the map view to that location, making it difficult to browse along the map.
- **Comm. Port & Coordinates:** These two options are only available on some models and they're useful whenever the automatic search for GPS module settings fails.
- **Coordinates:** Here you can set the coordinates format. This parameter also defines the search/navigate by coordinates format. There are three supported format types:
 - **DMS:** Degrees, Minutes and Seconds
 - **DMM:** Degrees and Minutes
 - **DD:** Degrees and decimal degrees

Import & Export

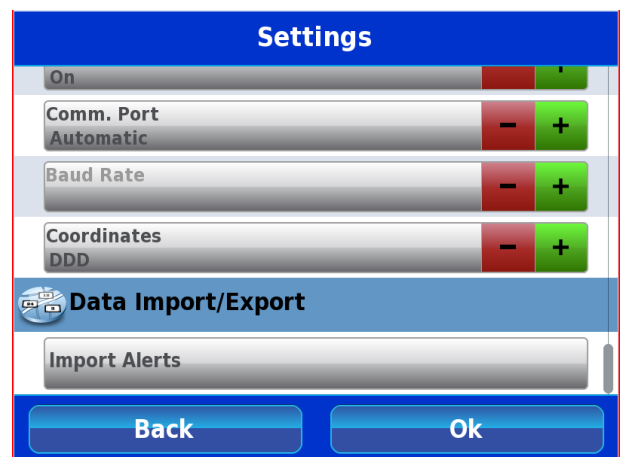
Your device is capable of importing and exporting data such as favourite locations and safety camera packages. You can also use Google Earth application to pinpoint your locations, save them on ".kml" file format and import them using 'import'. There are also thousands of internet communities that offer a large choice of favourite spots and safety camera packages.

Start by following the instruction in 'The Basics - Change Speaker and Lighting levels' to enter the 'Settings' Menu.



Press the 'GPS' option from the 'Settings' screen

Press the 'Import Alerts' button to start scanning the memory and importing the new locations, the number of locations imported will be presented when scan is completed



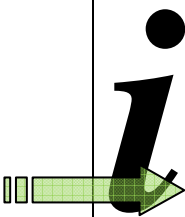
Note: Ituran will not be responsible for any favourite or safety camera point's loss along the process.

Navigate & Find



The 'Navigate' and 'Find' buttons expand to the same menu, their functionality however differ with one difference:

'Navigate' is used when you want to navigate to a place, 'Find' is used to explore data about places without navigating there



When you choose to navigate to a place but your device can not acquire a valid GPS signal (inside buildings, closed locations or heavily wooden areas), The device will automatically activate Demo mode. Showing you the route and manoeuvres to the destination point.



Drag to the left to get more

'Navigate' & 'Find' options

Address Search



Choose 'Address' to search for a specific address location

Change the country by clicking on the flag, or start typing the city



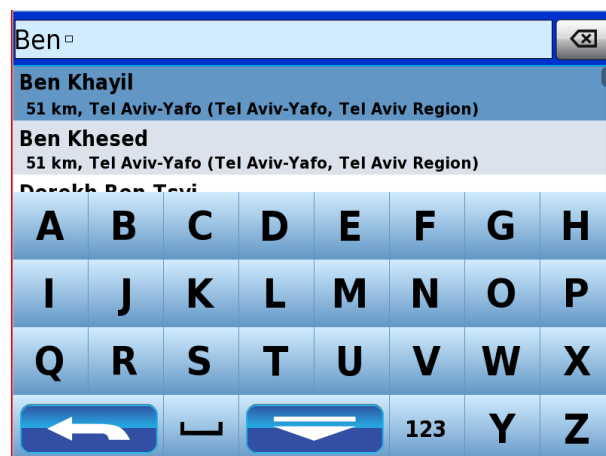
Write the city, village, municipality or location name that best suits the address that you are searching

Fig.3 – Choose the country in which you want to perform the search by clicking on the flag;

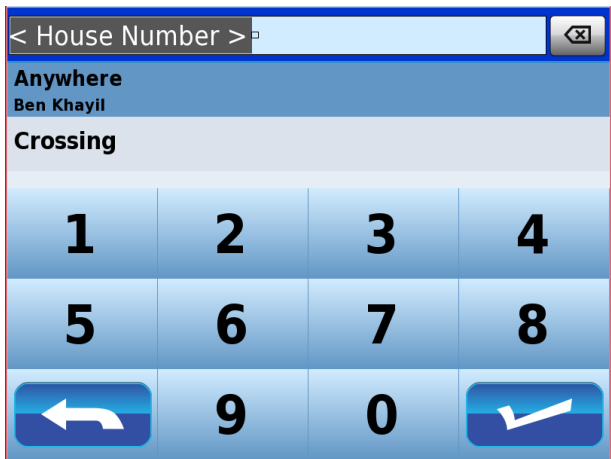
Before selecting a city from the list

Notice the special keys:

- Delete
- Back
- View list



Choose the city centre or start specifying the street name, when you have finished defining your desired street, select it from the list



- Select 'Anywhere' just to get

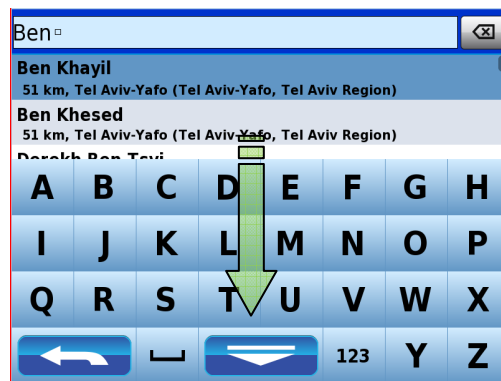
t
o
t
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s

street

- Select 'Crossing' to define a crossing street
- Or, start typing the house number

i

- There's no need to write the "avenue", "street" or "road" prefixes
- Search locations and street names by initials, least common name or full name
- Whenever you choose locations or streets, **ITURANGPS** keeps record of all the choices in order to accelerate future searches;
- If you want to see all results of a given search you can hide the keyboard by sliding down your finger using the same gesture you use to scroll down the list



Favourite Places

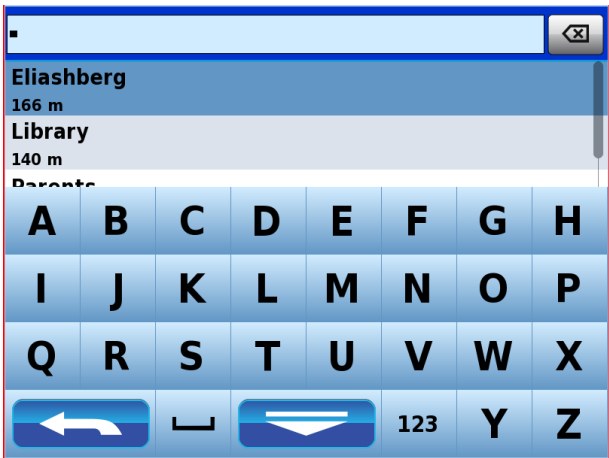
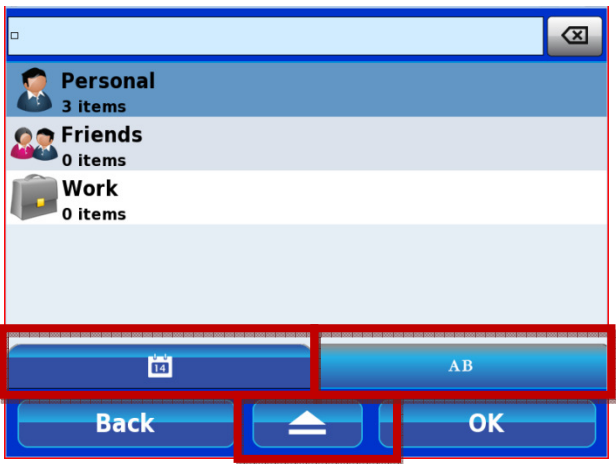
To locate a favourite place, follow the steps as indicated in the pictures below:



Press the 'Favourite' button

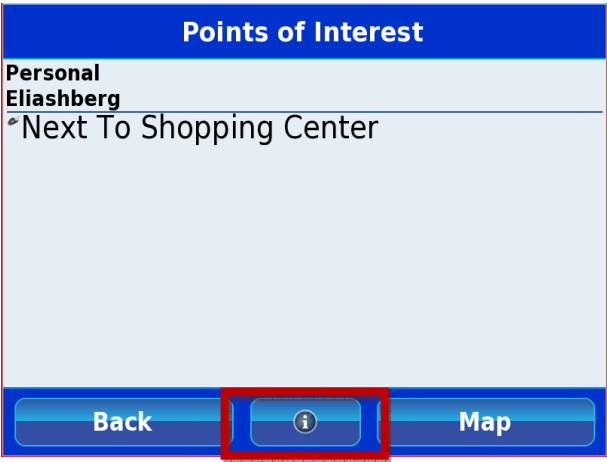
Select the category of your favourite place from the list

Notice the sorting bars and the textual search by keyboard, these are useful if you have many categories



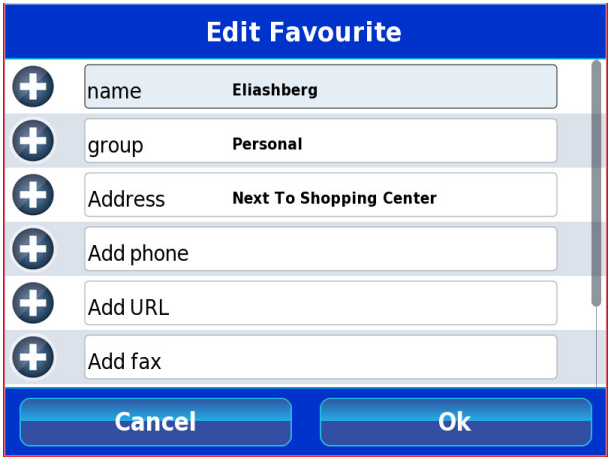
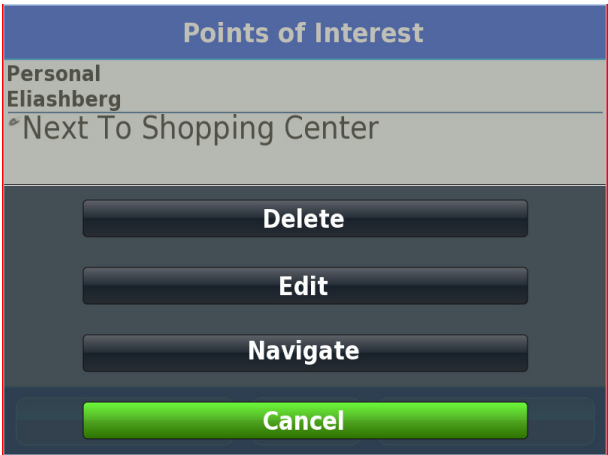
- When you are on

- When on data browsing 'Find' selecting a favourite place will show you the information about the place and allow you to change it



('Find' mode only)
Examine the information about the place, notice the 'More information' button

('Find' mode only)
Delete the favourite place, Navigate to it or edit the associated data



('Find' mode only)
Please note: The data associated with the favourite place is for your own convenience, the presented address is not used for navigation



You can create an unlimited number of categories and unlimited number of favourite places. Use them to store places of interest so that you can find them without the need of performing a complete search procedure; you can also share them with other **ITURANGPS** users using the Import/Export option

Home

Home is a special favourite place that you use often

On the first press on the 'Home' button you will be prompted to define this place



Managing the 'Home' favourite (that is, deleting or adding information) is done from the 'My Ituran' button on the main menu and it is further discussed in the 'Managing My Data' Chapter

Recent Location

Recent Location holds the history of your previous searches. There you can find addresses, points of interest, postcodes or even coordinates that you have used



Start by selecting 'Recent Locations' from the 'Navigate' or 'Find' menu

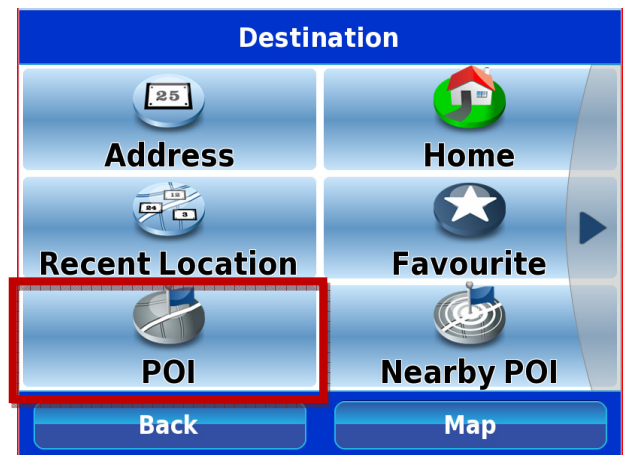
- When on 'Navigation' selecting a recent location will start the navigation to it
- When on data browsing 'Find' selecting a recent location will show it on the map



Points of Interest

You can search for a Point Of Interest in a certain city

Start by selecting 'POI' from the 'Navigate' or 'Find' menu



Use the same search method as searching for address to specify the city.

Use the flag button to change country

After selecting the city from the list, select the category of the desired POI. Use 'All' to skip selecting the category, or, just press the 'OK' button





The list shows the points of the city in increasing distance sorting (from the city centre)

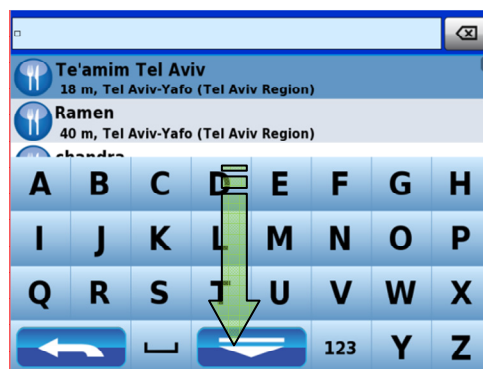
Specify any part of the POI name to narrow the list

- When on 'Navigation' selecting POI will start navigating to it.
- When on 'Find' selecting a POI will show the information associated with it



i

You can scroll through the POI list by sliding down your figure to hide the keyboard, use the same gesture to scroll the list



Nearby Points of Interests

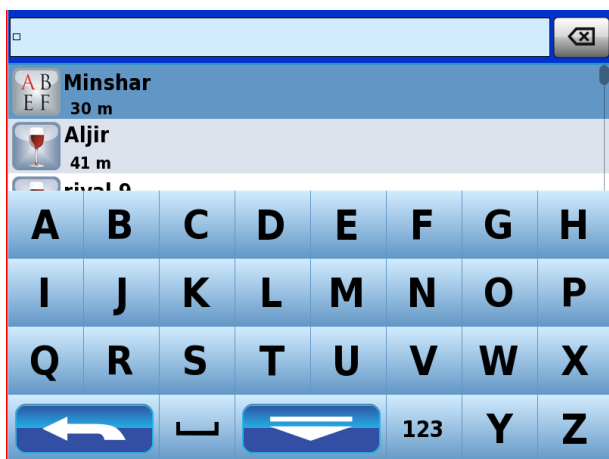
You can search for a Point Of Interest near you

Please note without a valid GPS signal **ITURANGPS** will display the points that are closer to the point selected on the map



Start by selecting 'POI' from the 'Navigate' or 'Find' menu

select the category of the desired POI. Use 'All' to skip selecting the category, or, just press the 'OK' button



Use the same procedure as in the 'POI' search to narrow your results. Then, select POI to navigate to it or view its data

Postcode

You can use the postcode to find a given street. Sometimes it's faster, more practical and precise to use postcodes instead of the city or location. After entering the postcode **ITURANGPS** will display the list of streets covered by that postcode.



Start by selecting 'Postcode' from the 'Navigate' or 'Find' menu

Specify the postcode and one of streets associated with it

Note that if a given street spreads for two or more postcodes, Only the segment that belongs to the postcode entered by you is shown



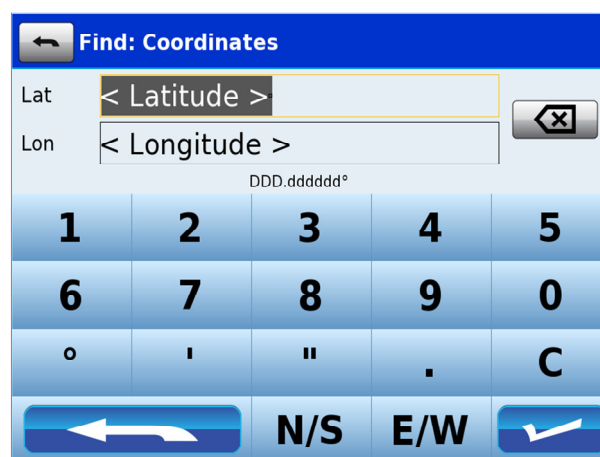
Coordinates Navigation

Sometimes it is useful to navigate to a location by using its coordinates. Since coordinates are universal, this option is mostly used when the location is off-road or received from a different brand of GPS device.



Start by selecting 'Coordinates' from the 'Navigate' or 'Find' menu

Specify the coordinates, note that the coordinates format can be changed in the 'Settings' menu



ITURANGPS will navigate you to the nearest street of the given coordinate.

If you wish to navigate directly to an off-road coordinate, you can set the "Adventure Mode" in the "Settings" Menu. In this case you will be guided to the exact destination point.

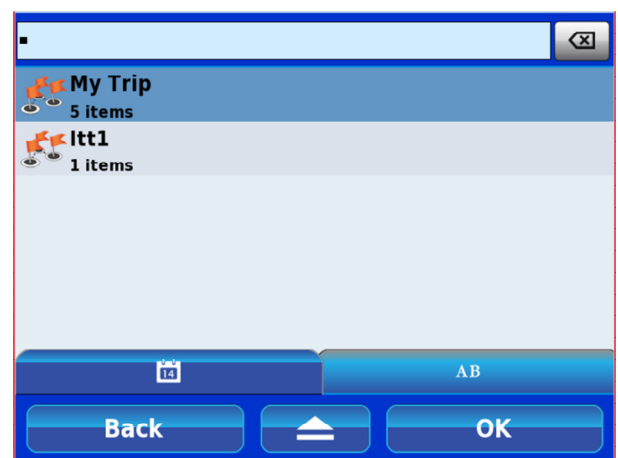
Itinerary – multiple locations in one trip

Itinerary is a single navigation route with multiple stopping points. Creating and managing Itineraries is further discussed in the "Managing My Data" chapter.

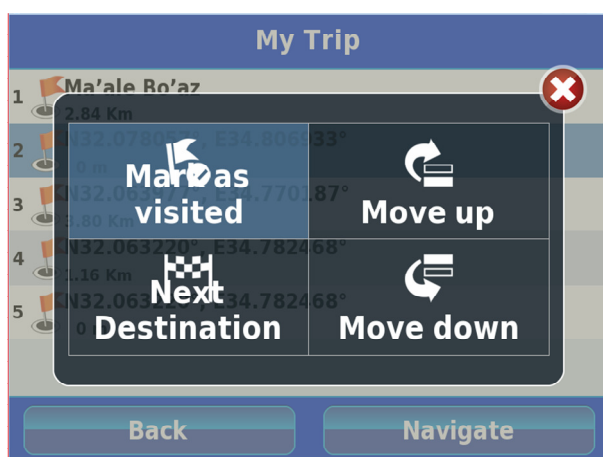


Start by selecting 'Itinerary' from the 'Navigate' or 'Find' menu

Select the literary you want to use



Select the intermediate point within the itinerary to manage it



You can change the order of the points by moving them up or down the list, mark the point as visited and select the next point for navigation

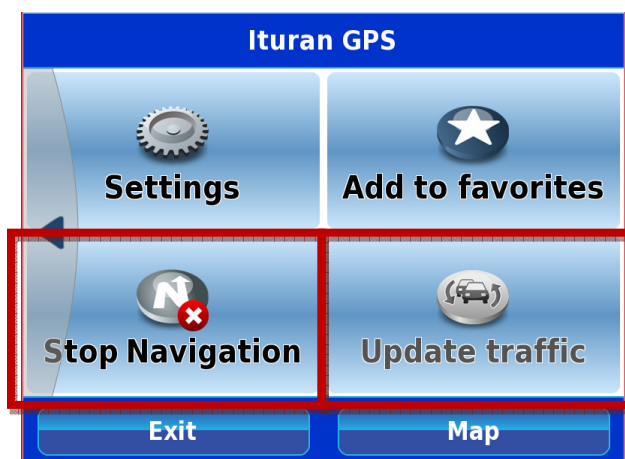
Menu Options during Navigation

During navigation you have a few options available that can improve your experience. Click "Menu" during any routing to see these options:

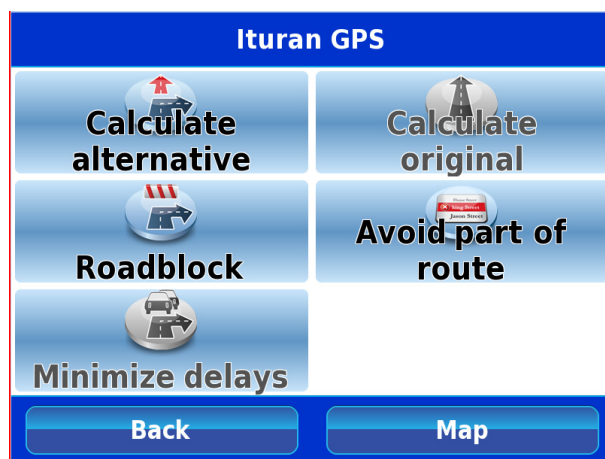
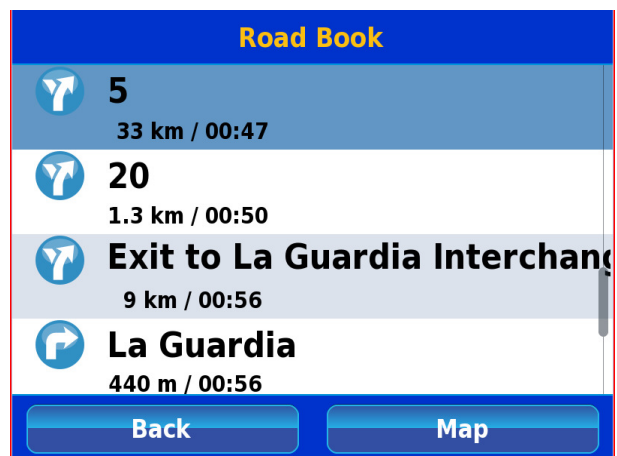


Drag to the left to get even more options

- Use 'Stop Navigation' to cancel the current navigation route
- Use the 'Update traffic' (only available on selected devices) to manually get updated on traffic



View the road driving instruction by selecting the 'Road Book' button



Use the 'Alternatives' button to calculate a new route

- Calculate Alternative: Calculate an alternative route to the previously chosen destination
- Calculate Original: Pick the first route calculation that was done to the chosen destination
- Roadblock: Calculate a new route taking into account a detour on the road segment ahead of you. Useful whenever you encounter a blocked road ahead (works on the road, etc);
- Avoid part of route: Manually check all the manoeuvres until the chosen destination allowing you to block any of them.

Managing My Data

On the main menu screen you will notice the "My Ituran" button use it to:

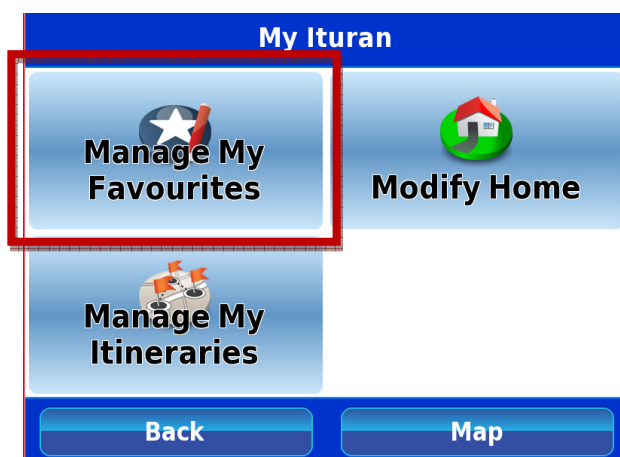
- Manage your Favourites
- Manage your Itineraries
- Change your 'Home' Setting



Start by pressing the 'My Ituran' button from the main menu screen

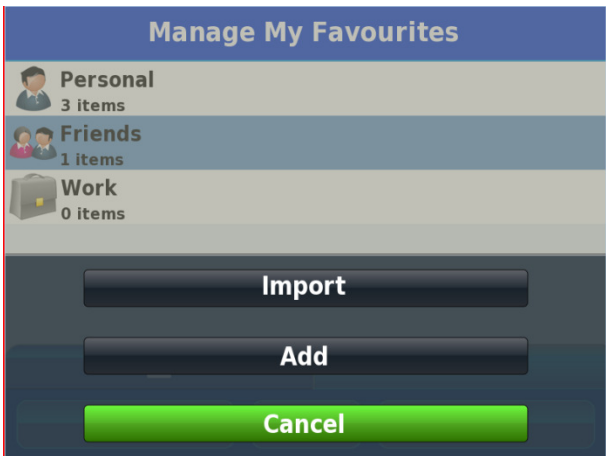
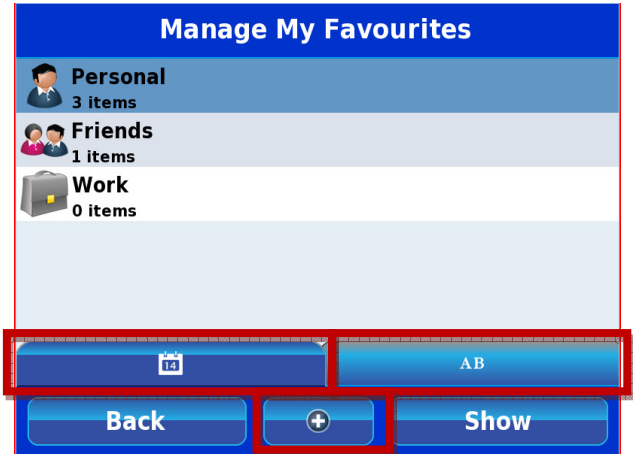
Managing Favourites Groups

You can manage your favourite location groups, import and export groups as .KML files. Refer to the 'Navigate & Find' chapter for more information about favourite places usage



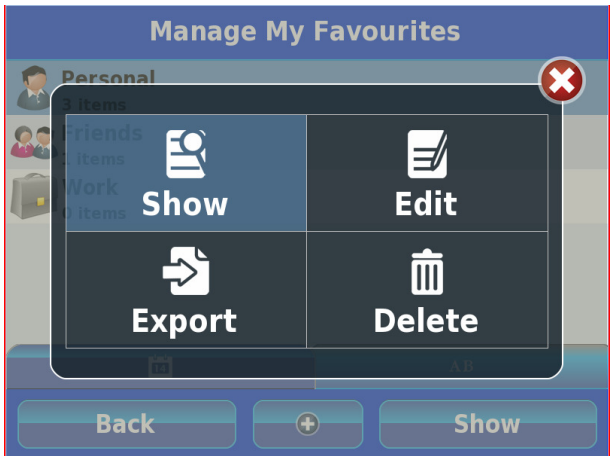
Start by pressing the 'Mange My Favourites' button

As in the 'Navigate & Find' menu you will see the list of your favourite groups
Notice the sorting change bars and the '+' button



Pressing on the '+' buttons allows you to import new groups or add a user defined group

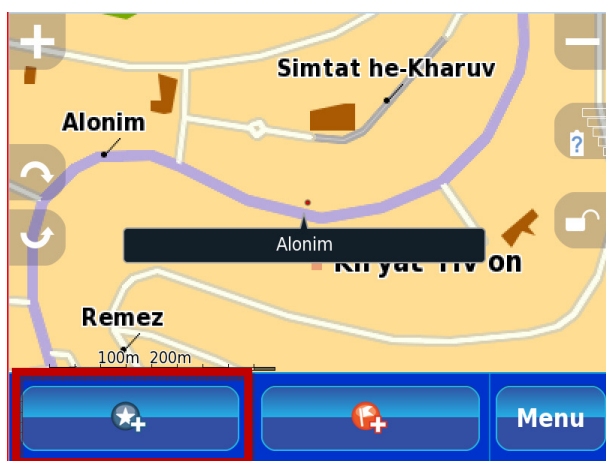
Select a group to manage it, show the content of the groups, export it as KML file, or delete it



Use the Edit button to edit the group name or visibility preferences

Managing Favourite Location from the Map

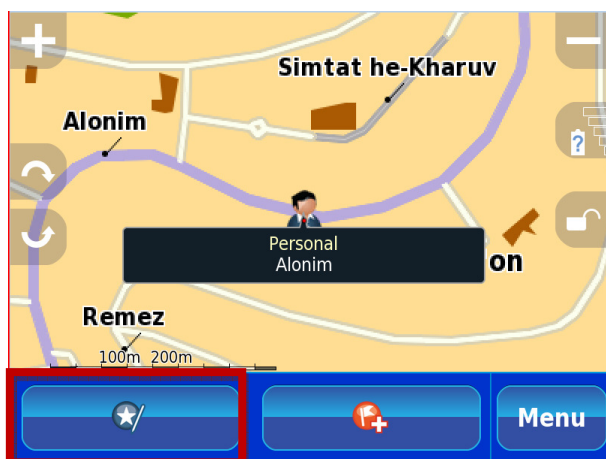
You can easily add favourite locations directly from the map



Tap the location on the map notice the 'Add Favourite' button which appears on the bottom bar for few seconds

(The other button is 'Add to itinerary')

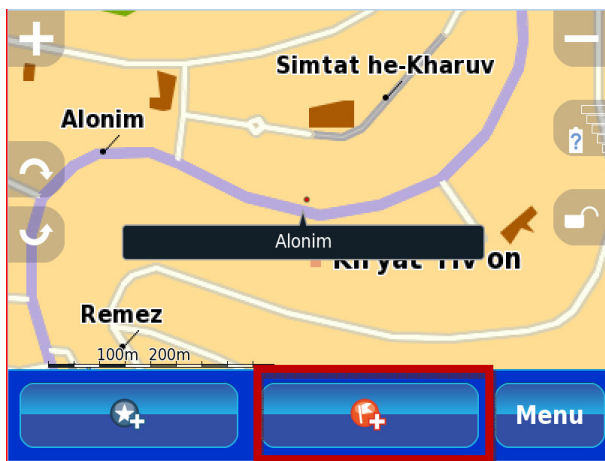
Press the 'Add favourite' button and edit the favourite place, press 'OK' when finished

A screenshot of a dialog box titled 'Add to favorites'. It contains several input fields, each preceded by a plus sign in a circle: 'name' (with the value 'Alonim'), 'group' (with the value 'Personal'), 'Add Address', 'Add phone', 'Add URL', and 'Add fax'. At the bottom of the dialog are two buttons: 'Cancel' and 'Ok'.

You can manage favourite location directly from the map by tapping on it and selecting the 'Manage favourite' button which appears on the bottom bar for few seconds
See 'Navigate & Find' chapter for more information regarding managing a favourite location

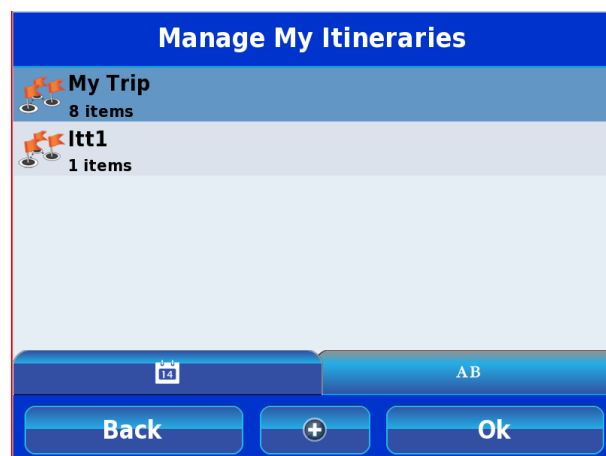
Adding Locations to My Itineraries from the map

You can easily add more locations to any itinerary. Refer to the 'Navigate and Find' chapter to manage and create new itineraries and adding other type of locations like address search



Tap the location on the map notice the 'Add to itinerary' button which appears on the bottom bar for few seconds

Select the itinerary you to be added with the new location
Or press '+' button to create new itinerary

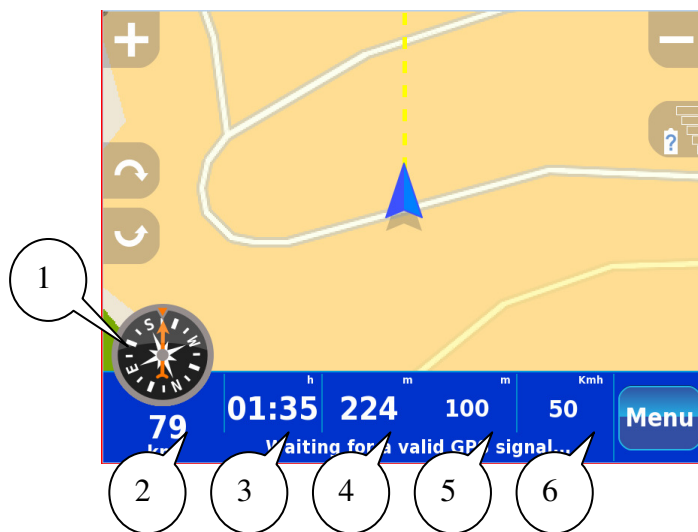


Off Road Navigation

Besides the normal on-road navigation, with **ITURANGPS** you can also navigate off-road.

Changing to off-road navigation is done by setting the "Adventure Mode" on "Routing Options" settings. When activated will **ITURANGPS** will indicate the finishing point's direction without creating road route, leaving you to choose the

best track.



During Adventure Mode, the navigation screen will change to show you the following information

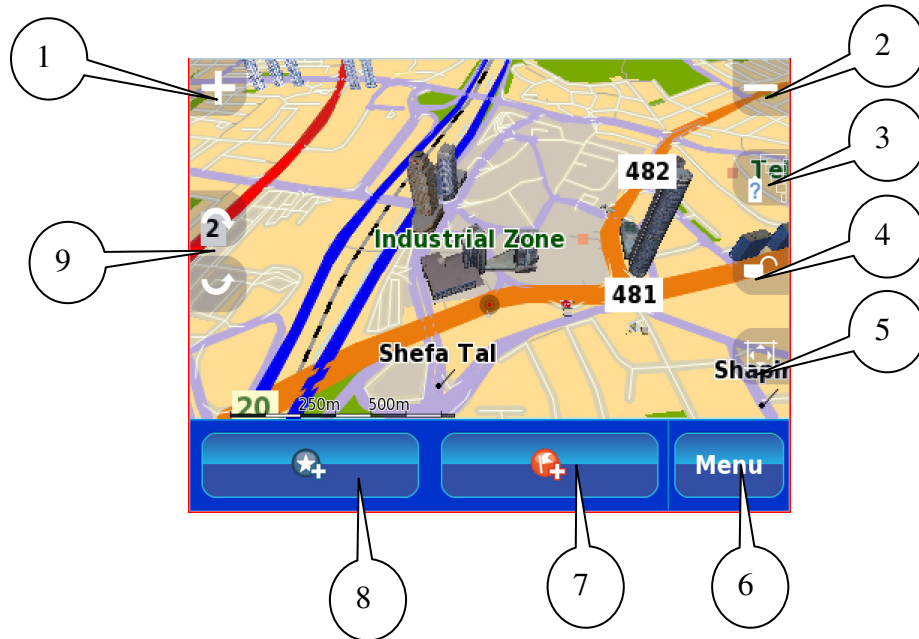
1. Direction
2. Distance to destination
3. Time left to destination
4. Distance travelled
5. Altitude
6. Actual speed



- You can use the Adventure Mode both on for vehicle and by pedestrian navigation
- If you're travelling off-road, the most effective and precise way to find a location is by its coordinates.

Map Screen

When you're not navigating, you can view useful information on your ITURANGPS screen.

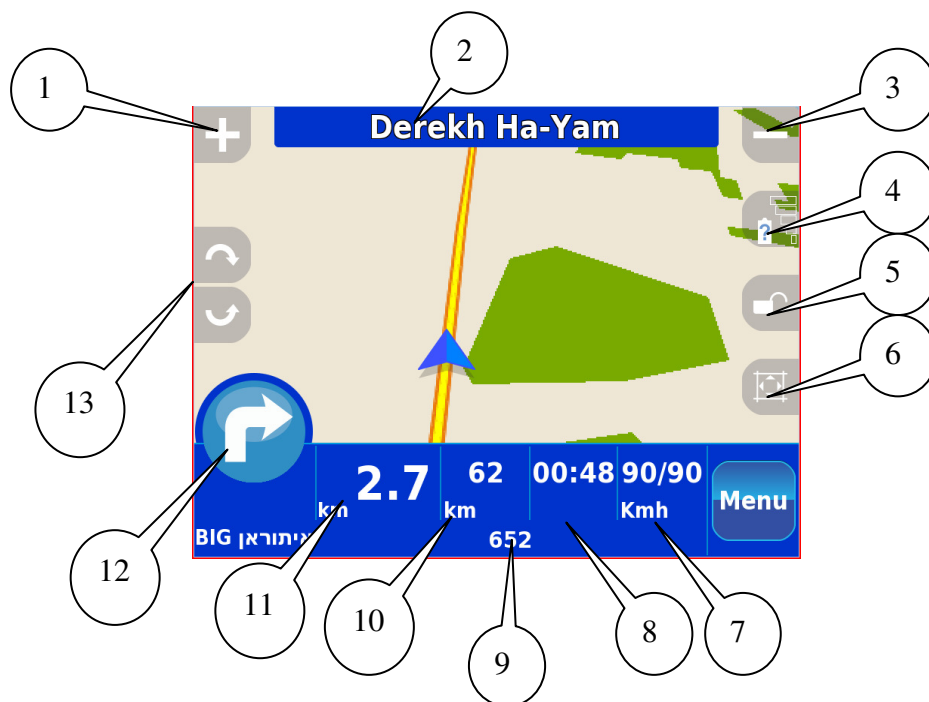


1. Zoom In
2. Zoom Out
3. Remaining battery charge and GPS signal reception quality reading
4. Block map dragging
5. Block automatic zoom (only visible when zooming in or out)
6. Go To Main Menu
7. Add the tapped point to your itineraries
8. Add the tapped point to Favourites
9. Tilt control buttons

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- Use your finger to drag the map on any direction
- The "Block map dragging" is useful whenever you need to explore the map with a valid GPS, so that **ITURANGPS** will not centre your position on the map every few seconds
- If you click on a point of interest you will be given the name of the point; if you click on an open area you will be informed about its coordinates.
- Try clicking on a 3D Landmark to see it in detail.

While navigating, you will notice the ITURANGPS screen changes and shows you useful information about your travel



1. Zoom In
2. Name of the next road
3. Zoom Out
4. Remaining battery charge and GPS signal reception quality reading – see 'GPS Information screen' for more details

5. Block map dragging
6. Block automatic zoom (only visible when zooming in or out)
7. Current speed and maximum speed allowed in the street. (Will change its colour whenever exceeded)
8. Time left to destination (calculated using the average speed on each street in "regular" traffic conditions).
9. Name of the current road
10. Distance to Destination
11. Distance to next manoeuvre
12. Next manoeuvre (touching here will reproduce the next voice instruction)
13. Tilt control buttons

GPS Information Screen

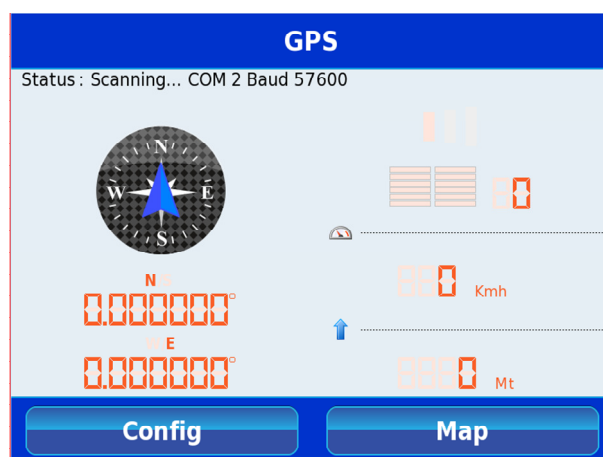
The Global Positioning System commonly known as GPS and is a satellite positioning system.

Each GPS satellite sends a signal to your device on the ground. Therefore, GPS receptors are passive satellite signal receivers. They also require a clear sky view and may underperform on dense wooded areas or next to tall buildings. GPS performance depends on a very precise time reference, which is granted by the U. S. Naval Observatory (USNO) atomic clocks.

The global positioning system (GPS) makes use of a satellite network, which allows us to use our receivers and thus to know geographical position anytime, anywhere on the planet. You can at any time get additional information on the signal reception quality, as well as on the geographical features of your current location.



You can examine the GPS reception and status by pressing on the battery and charging indicator on the map screen



Troubleshooting

Low GPS signal

To obtain an effective GPS signal place your device on the windshield inside your vehicle in a way that it doesn't interfere with your driving

The GPS antenna located in the rear upper part of your device and should have a clear view to the sky

When using it outside your car, remember it may be difficult to receive satellite signals in places with high trees and buildings.

In the first use or after travelling by plane, it can take up to 30 minutes to make the first GPS fix.

Some vehicles have steel-plated windshields which can strongly decrease the GPS signal fix process. In this case you should approach the device to the side windows and not to the front window. If your vehicle does not have steel-plated windows and you still cannot get any GPS signal, please contact our technical support.

Wrong route calculation

This can happen because of the map data or wrong preferences:

- Map data not updated. You can update all map data through Ituran's update system or by buying new maps on www.ituran.com.
- Wrong routing calculation preferences. Examine your routing preferences on the Settings menu.

Device froze

- Reset the device in the small hole located in the back or on the side. Use a pointed object and touch the hole carefully.
- If the problem persists, try to take out the sd card (if your device has one) and put it in again, sometimes the card reading process becomes unstable after long use.

Short battery life

When you get your ITURANGPS out of the box, normally the device has little battery power, fully charge before first use to maintain its battery quality.

- Always use the supplied car charger. Other car chargers may use different settings and may harm your device
- Use the supplied USB charger. This way you will be able to charge your device and update it at the same time, from www.ituran.com
- You can also use the wall charger (when supplied) or buy a compatible one at www.ituran.com. Please check our technical support for compatibility.

If your device does not show it is charging, try leaving it connected to the charger for a few minutes..

All devices must be charged for at least 5 hours to allocate the "full battery" memory.

Getting Maps and Updates

Depending on your ITURANGPS model and your buying arrangement you may be entitled to verity of free maps and software updates. To know which maps are currently available on your device use the "About" button, located on your ITURANGPS's Main menu. On the maps list you can also see the maps' release date and activation state

If you wish to buy new maps, update the existing ones or need any technical help, please browse to Ituran's web site at <http://www.ituran.com>

Technical Support

Should you need any help, please call our customer service: dial *324 or 03-6533500 from any phone. We available for any question 7 days a week, 24 hours a day.

You can also get technical support information at our web site at <http://www.ituran.com>