



User Manual  
Geosat 6 series



Corresponding to Software Version  
1.10.xx

Dear Customer,  
Congratulation for choosing an AvMap Satellite Navigator.  
AvMap GPS systems are made in Italy since 1994.



Your journey, Our Technology

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## **I. How to use the Manual**

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**This User Manual is updated to the Software version 1.10.xx released in February 2009 for the AvMap Geosat 6 satellite navigators.**

This manual includes the instructions for all the navigators of the Geosat 6 family, so some described functions may not be present in your navigator. Check the features of your navigator in the Technical Specifications section of this manual.

is published. You can download the addendum from [www.avmap.it](http://www.avmap.it): entering the Support section, click on Downloads then select your product; in the list of the available documents choose the one corresponding to the Software of your interest.

### **I.1 Updating the software and downloading new manuals**

It is important to check which is the Software Version preloaded on your navigator, and to download for free the updates available on [www.avmap.it](http://www.avmap.it) following the instructions of Chapter 5. For each new Software version an Addendum to the manual

## II. Warning

---

Using this navigator implies that the user accepts and follows all these warnings and all the instructions contained on this manual.

- The manufacturer and the distribution chain disclaim any liability deriving from an improper use of the device in a way that may cause accidents or damages to things or persons.

- The driver is held responsible for using Geosat in the correct way (passenger or non passenger mode).

- The User should ignore the indications suggested by Geosat in situations that appear to be in contrast with the Highway Code.

- The Manufacturer and the distribution chain disclaim any liability deriving from an improper use

of the device in a way that may violate the Highway Code.

- Do not switch on the GSM phone when and where it is forbidden the use of mobile phones, or when it can cause interferences or dangerous situations.

- Please respect the restrictions: switch off the device in airplanes, close to medical appliances, fuel, chemical substances or explosives.

- Do not program the navigator while driving

- The Navteq cartographic data loaded in the navigator may present some discrepancies from the reality. This is due to the continuous changes in the street network. Some areas have a better coverage than others.



- Network Services: in order to use the phone you need to request the service to a Carrier. The carrier will provide you with all the necessary information on fees. Some networks may have restrictions on the use of some services.

## **II.1 Advices for a good use of the navigator**

1.Do not place the navigator in positions that may obstruct the driver's view

2.Do not place the navigator in positions that may interfere with the correct functioning of the security/ safety equipment of the vehicle (e.g. airbags).

3.Make sure that the navigator is correctly attached to the bracket before driving.

4.This device IS NOT water proof, avoid wetting it.

5.Do not rely exclusively on vocal instructions. Depending on a variety of factors, (speed, weather, GPS reception etc) these instructions may not be correct or timely. Always take the information provided as indicative, and always respect the Highway Code. Satellite navigators should be considered merely as aids. The driver is held responsible for safe driving and the choice of the best route to take.

6.During the trip it is possible to get instructions like: 'Bear the right' or "Right turn in 300 m"; these instructions are based on the preloaded cartographic data and could differ from the actual conditions of the street. In proximity of round about or big crossings drive carefully as the vocal instructions

may not be simple.

7. Do not consult the navigator whilst driving if this represents a danger for you and other people.

8. Only AvMap branded SD cards are compatible with AvMap satellite navigators. No other SD can be used.

## II.II Battery Disposal

This product is equipped with a built-in Li-Ion battery. Do not use the product in damp or corrosive environments. In order to lengthen the life of the battery, do not recharge it at temperatures higher than 60°C.

THE LI-ION BATTERY PROVIDED WITH THE PRODUCT MUST BE RECYCLED OR DISPOSED IN THE CORRECT WAY. The symbol shown here and on the box

indicates the conformity to the WEEE directive.

Do not dispose of this WEEE product as domestic waste; some substances contained in electronic equipment can damage the environment and harm human health if misused or if they are not disposed of in the correct way. Return the device to the distributor when purchasing a new one. The unlawful disposal of these wastes is punished with sanctions. Information about emissions for Canada: this Class B digital device is in conformity with the Canadian law ICES-003/NMB- 003. R&TTE DL2 Directive: this device is in conformity with the UE directive 99/5/CE



## **II. III Maintenance**

- Do not leave the navigator in direct sunlight for extended periods. This could compromise the correct running of your Geosat. If you suspect that the navigator has been over heated because of sunlight exposure, let the temperature of the car cool down, and wait for the device temperature to go down to normal values before switching it on.
- Do not use oil based products to clean the LCD surface.

## III. Device Description and first use

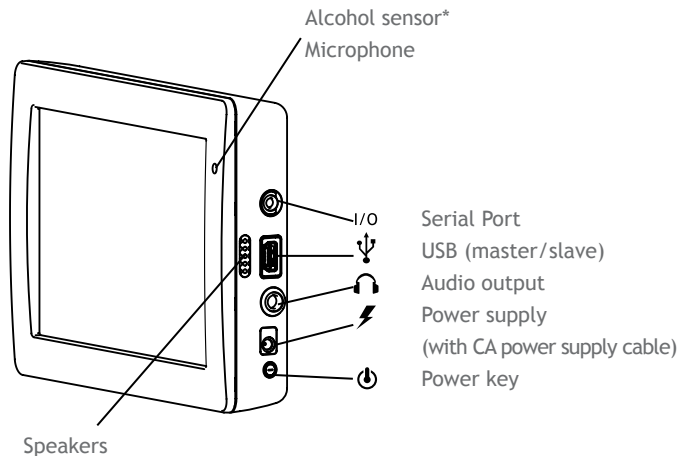
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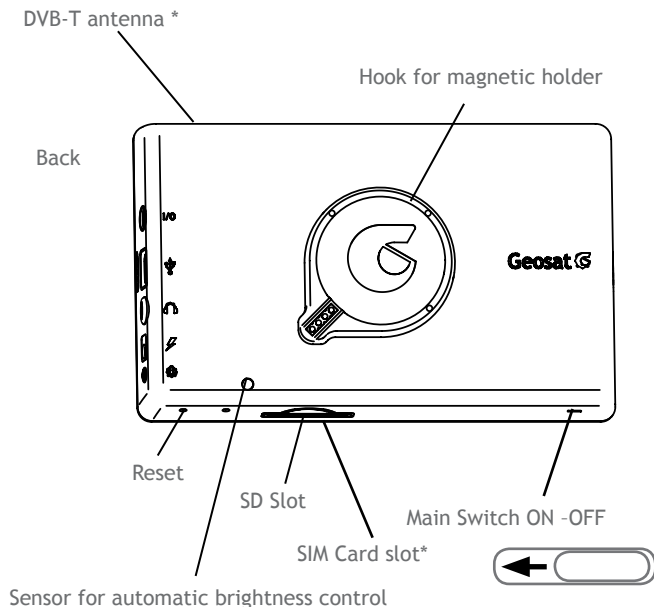
### III.I Content of the box

- Geosat 6 Satellite Navigator
- SD memory card
- Magnetic holder
- CA power supply cable
- Car Power Supply cable
- USB cable
- OTG Cable\*
- iPod cable\*
- External TV antenna\*
- User manual
- In-car installation guide\*

\* Only for some models

### III.II Hardware features





### How to insert the SIM card\*:

Insert the SIM card in the slot just below the SD, with the chip facing up, and the cut corner on the right.

### DVB-T antenna\*

In areas with weak DVBT signal, the use of the external TV antenna may improve the quality of reception. Please insert the antenna carefully as shown in the illustration, not to damage the connector.

\* Only for some models

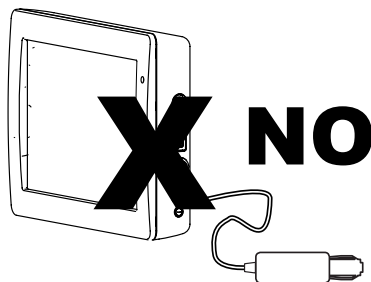
### III.III Installation with suction cup holder

1. Fix the car mount on the windscreen with the suction cup in a position that does not represent a danger in case of accident or sharp braking, and that does not distract the driver.

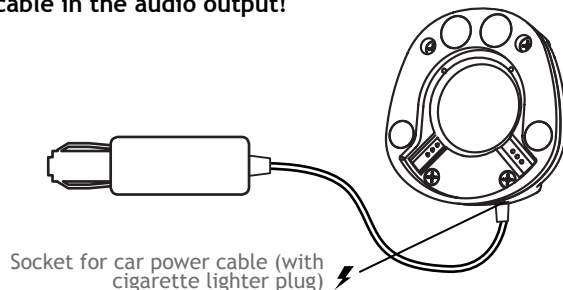
2. Plug the car power supply cable in the cigarette lighter, and the other end in the holder (see picture).

**ATTENTION:** it is not possible to feed the navigator plugging the car power supply cable directly in the device. Do NOT plug the cable in the audio output!

3. Move the navigator's main switch from OFF to the ON position using a pen (see picture).



**ATTENTION:** it is not possible to feed the navigator plugging the car power supply cable directly in the device. Do NOT plug the cable in the audio output!



4. Place the Geosat 6 on the magnetic car mount coupling with a simple gesture.

5. Press the power key to power on the navigator.

6. The smart magnetic rotating mount makes it possible to rotate the navigator from landscape to portrait mode to choose your point of view.

will be missing:

- It won't be possible to use the iPod control
- It won't be possible to interface the navigator with the car sound system.

### **III.IV Installation with the in-car integrated holder**

For the in-car integrated models please read the in-car installation quick guide included in the box.

The suction cup holder and the car charger are also provided with the in-car integrated models. When used with the suction cup holder, some functions

# 1. Main Menu

Press and hold for two seconds the power key to power on the navigator.

When powered on, Geosat 6 will display the main menu. From the main menu you can choose among several functions:

- Satellite Navigator
- Music and Video Player
- Picture viewer\*
- Digital TV\*

To access to the navigation software, touch the Satellite Navigation button.

\*Only for some models.





## 2. Satellite navigation



### 2.1 The Navigation menu

If you are accessing the navigation Software for the first time, the navigator will ask to choose the desired language. Then the Software will ask to set the time (read par. 2.14.1.2)

When the satellite navigation software is started, some important warnings are displayed.

Touch the Accept button, the Navigation Menu will open.

The navigation software consists in the map and the Navigation Menu. The navigation menu is displayed. It can be opened in any moment touching the Menu button in the map. Viceversa, the map can be opened in any moment touching the Map button in the lower left corner of the Navigation Menu.

The Navigation Menu consists of a fixed menu which can be scrolled with the arrow buttons, and a fixed part with

# Satellite Navigator

buttons that are always accessible.

Fixed menu

- Exit: it opens the Main Menu to choose the function (par 1.1).
- Settings: it opens the Settings Menu (par. 2.12).
- Map: it opens the Map.
- Portrait / Landscape: it allows changing the view mode.

Attention: this button is active only when the Geosat 6 is not attached to the car mount. When on the mount, it is enough to rotate the navigator and the software will switch automatically from Landscape to Portrait mode.

- Volume and Brightness: it opens the volume and brightness control.
- Help: it allows getting hints on how to use the buttons (par 2.1.1).

## Mobile Menu

In the mobile menu you will see all the buttons relative to the different functions so it can vary from one model to another.

### 2.1.1 Help Mode

The Help mode helps you getting instructions on how to use the buttons in the navigation software. Touch the Help button (the button with the question mark icon) to enter in the help mode then press any button to get the relative explanation. A window will open with the instructions on how and why to use the selected button. Close the window by pressing Close.

### 2.1.2 FAQ's

The F.A.Q. section gives you detailed instructions on how to use the most common navigation functions.

## Satellite Navigator



To open the FAQ section press the FAQ button in the navigation menu. You will find three wizards on how to:

- Plan a Trip
- Start a Simulation
- Plan next stop

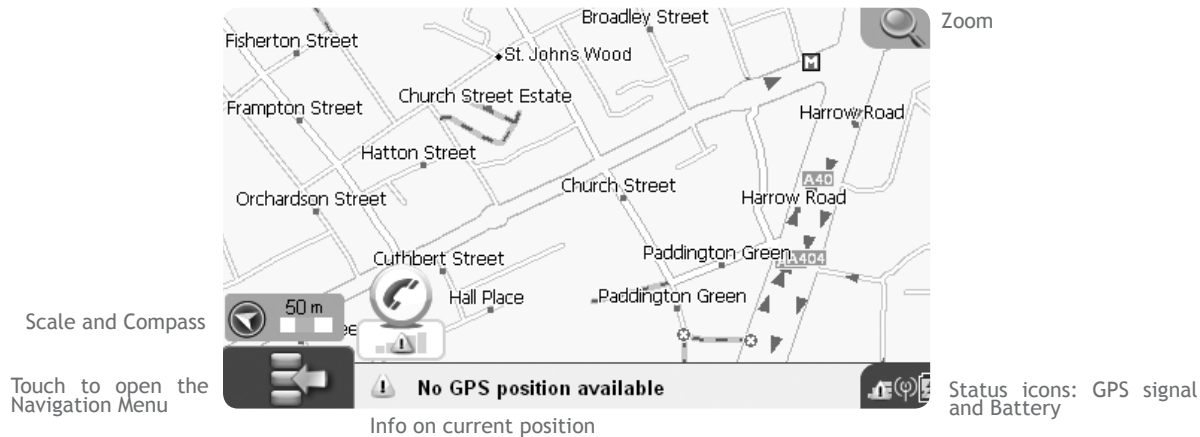
The FAQ can be updated with free software updates.



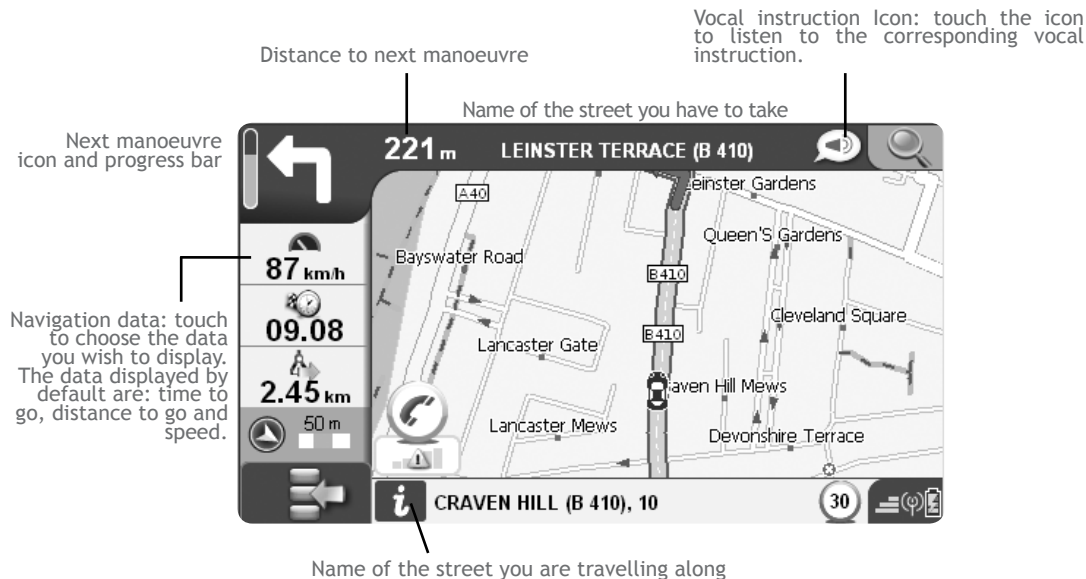
## Satellite Navigator

### 2.2 The Map

When there is no active navigation, the map appears as follows:



When in navigation, the map appears as follows:



## Satellite Navigator

### 2.2.1 Explore the map

You can explore the map with or without a valid GPS signal. To explore the map, touch it in any point, and the cursor will appear, then drag it in the desired direction. Touch the Zoom buttons to zoom in or out. The info bar (the blue bar at the bottom of the screen) shows the exact address corresponding to the cursor position.

If you select a street, the info bar will show the name, and the entire street (corresponding to that name) will be highlighted in green. To get more info on the selected point, touch the info bar and the full info page will open.



## 2.3 Setting a destination

- Open the Navigation Menu
- Touch the Where to Go button.
- From the Where to Go menu you can choose your destination in many different ways. (Flux diagram in Appendix B).

### 2.3.1 Search Options

The Where to Go menu offers several options to search for your destination:

- Address: to insert a complete address
- POI: to search your destination among the points of interest
- Address Book: to search your destination among the contacts saved in the address book.
- Drive me home: to set the home address as destination

- Lat-Lon: to insert the destination with the geographical coordinates Lat-Lon
- Favourite POI: to search your destination among the favourite POI
- Saved Routes: to choose reload a saved route
- Pick on Map: to choose your destination picking it manually on the map.

### 2.3.2 Inserting an address as destination

To insert an address as destination, touch the Address button, then fill the fields Country, City, Street and House number. Touch the Country field to open the virtual keyboard.

- Digit the name of the country on the virtual keyboard touching a letter at a time
- Once you have inserted the name, touch the OK button
- Repeat the operation for each field

## Satellite Navigator

- Touch the GO button to set as destination and calculate (the software will calculate the route and the map will be displayed as in Chap 5.), or touch More Options to open the More Options page (par. 2.3.6).

### 2.3.3 Choosing the destination among the POIs

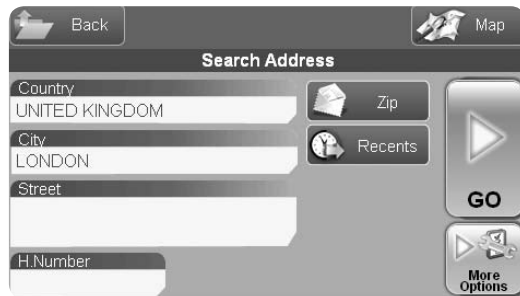
The Points of Interest Data Base consists of preloaded locations on your cartography, which enable to quickly research a certain destination under a category. There are websites that specialize in the collection, management and distribution of POIs for you to load into your device (par. 2.7.2.4).

To search for a POI:

- Open the Navigation Menu
- Press Where to Go
- Select POI

On the new menu select the research option between:

- Near my position





### POI Categories

- Car Service
- Transportation
- Emergency
- Attractions
- Entertaining
- Restaurants
- Public admin.
- Hotels
- Medical services
- Natural attractions
- Services
- Shops
- Sport
- Others
- Dynamic POIs

- Near a City
- Near my destination
- Near a Via point

Select Close to my position option to search for POIs close to your current position. The category list will be displayed.

Every category is divided into subcategories (for a complete list consult the appendix). Select the POI category you are interested to and then select among the subcategory list displayed. For example: Transportation category, Airports subcategory. The navigator will automatically search the closest POI to your current position, and will display the full list among which you can choose the most convenient one. Once you choose a POI, select it to open the page containing

the complete information about it. Touch the Go button to start the navigation or the More Option button, or go back to the POI list. If you choose the Near a city option, you

## Satellite Navigator

will first have to enter the City name and then select a category and the subcategory and follow the steps as above. If you choose the Near a via point option, you will be displayed the via points list along your route, choose a Via Point and then proceed with the selection of a category. If you select Near destination, proceed with the selection of a category and then subcategory to find POI near your final destination.

At the end of the procedure, in the POI full info page POI you can choose to start the navigation or to call its telephone number through the GSM if the GSM SIM card is inserted and activated as explained in Chap 2.8, or call it through a Bluetooth connection with your phone (depending o the model).

### **2.3.4 Choosing the destination among your Favourite POIs**

The search among the Favourite POI is very simple,

for it allows to search directly under a Favourite subcategory. (See par 2.7.2.3)

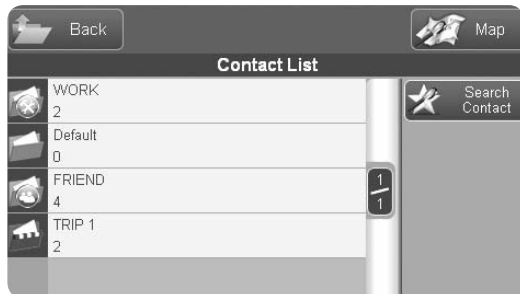
At the end of the procedure, in the POI full info page POI you can choose to start the navigation or to call its telephone number through the GSM, if the GSM SIM card is inserted and activated as explained in Chap 2.8, or call it through a Bluetooth connection with your phone (depending o the model).

### **2.3.5 Choosing the destination among the Contacts**

It is possible to save up to 1000 personal contacts with name, address and icon, organized into folders (to add

a new contact see par 2.7.3.2). A contact can be set as destination. To access the list:

- Open the Navigation Menu
- Select Where to Go



## Suggestions

The orange icon on the side of a folder indicates that the approaching alarm has been set on all the contacts contained in that folder. To set the alarms, see the Contact Management section (par 2.7.3.4). The orange icon associated to a contact, indicates that it has been assigned a GPS position, a telephone number or both. In case you forget where you saved a contact, you can always carry out a name search.

## Satellite Navigator

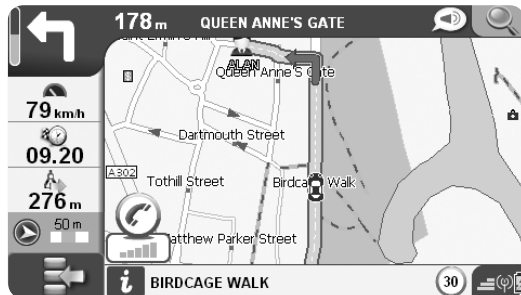
- Select Search Contacts

The list of the existing folders will be displayed (e.g. Business, Friends, Relatives etc.) Select the desired folder to display the list of contacts. Select the contact to access the complete information window.

At the end of the procedure, you can choose to start the navigation toward the contact or to call its telephone number through the GSM, if the GSM SIM card is inserted and activated as explained in Chap 2.8, or call it through a Bluetooth connection with your phone (depending on the model).

### 2.3.6 More Options for navigation

Once you have selected the destination, (a contact, an address or a POI), you can navigate straight to it or access the page More Options, that allows you to choose how to use the selected location.



### 2.3.7 Record your track on the map

With Geosat 6 you can record on the map the track of your trip. This function is very useful when you are navigating off-road. The track is shown on the map with a red line. The track can be saved and it be reloaded in any moment. To open the Tracks menu:

- Open the Navigation Menu
- Touch the Personal Data button
- Touch the Tracks button
- From the Tracks menu you can start or stop the registration of a track and choose its colour. The registration will go on till you will manually stop it.

### 2.3.8 Lane Assistant

The Lane Assistant helps you in multiple lanes streets where the sole manoeuvre instruction could not be enough. In these cases it is important to know in

advance which lane to follow. The Lane Assistant is an automatic function that shows, where available, the several lanes with pictograms in the lower information bar. The pictograms show:

- The direction of the traffic flow for each lane
- The type of horizontal divider between one lane and another (e.g. single continuous dividing line, two parallel continuous lines, broken separation line, etc.)
- The lane or the lanes to be followed highlighted in green.

The information appears and disappears automatically.

### 2.3.9 My Position

To have a detailed information on your GPS position (while navigating or not), you can consult the page

## Satellite Navigator

### 'My Position'

- Press the Navigation MENU button
- Select 'My Position'

The page will display the precise address of the GPS position and the geographical coordinates Latitude-Longitude. From this page you can also search useful POI close to your current position.



### Suggestions

- You do not have to fill all the fields in the Insert address page. For instance if you insert just the city name, leaving the street field blank, the navigator will calculate the route toward the centre of the city.
- You can search for an address also through the post code, without knowing the name of the town. Touch the Post Code button, and then insert Country, Post Code and street name.
- To search among the recently found destinations, touch the Recent button and then choose among the list of results.
- When inserting an address with the virtual keyboard, you can choose to activate or not the auto completing function. When the auto completing function is active, it helps you inserting the correct name, and if you touch OK (the green button) you can see the suggested result (i.e. If you have inserted LON the navigator will suggest LONDON). When the auto completing function is off, you can insert just a part of the name then touch OK to see all the possible results (i.e. all the city names starting with LON).

### 2.4 Planning and modifying a route

#### 2.4.1 Planning a route from A to B

If you are in the car and you are receiving a valid GPS signal, the point of departure corresponds to your GPS position. Nevertheless it is always possible to plan a route even without GPS signal, before departing, by entering both the departure point and the destination point.

- Enter the address by following the procedure described in paragraph 2.3

- Touch More Options

In the More Options page you can set the entered address as a departing point by pressing Set as Departure. A page will open up asking “Do you want to set a destination now?”

- Press Yes, the Where to Go Page will open.
- Repeat the procedure to enter the destination.

Touch Go to Set as Destination and calculate the route. The map will be displayed.

In absence of GPS signal the navigation will not start but the route will be displayed with a green line. You can either consult or modify the itinerary (par.2.5).

#### 2.4.2 Route Functions Menu

To modify a route, enter the Route Functions menu, by selecting it from the Navigation Menu. The menu contains a series of useful options to modify and optimize the route according to your needs. The options are:

- Clear route: to delete the set route
- Recalculate: to manually recalculate the route.
- Invert route
- Edit Via Points: to modify the via points sequence and set detours.





- Plan next stop: to set the next via point along your route.
- Detour: avoid a street along the route and recalculate.
- Route overview: to visualize all the information on the route, such as the expected time of arrival, the time to destination and distance to destination
- Save route: save the set route.
- Turn List: to visualize the itinerary as a list of manoeuvres.
- Simulation: to simulate the navigation through the set route.
- Route preferences: to set the criteria for route calculation.

### 2.4.3 Choosing the route options

The Route Options menu allows setting the best calculation according to your own needs.

From the Route Functions menu touch the Route Options

## Satellite Navigator

button, then touch Route Preferences. You can choose your Route among the shortest route, the fastest, with fewer turns or off road.

- The shortest route: it is calculated preferring the shortest distance, but it does not consider the type of road. For this reason there could be stretches with very low speed limits, or narrow stretches. The resulting route is the shortest way from A to B, but it may be not the best for your vehicle.

- The Fastest route: it is calculated on the base of the type of streets covered, preferring streets with high speed limits (such as highways). This way, the total distance could be longer but the time to destination will be shorter.

- With fewer turns: with this option, the software calculates the route with fewer manoeuvres, as

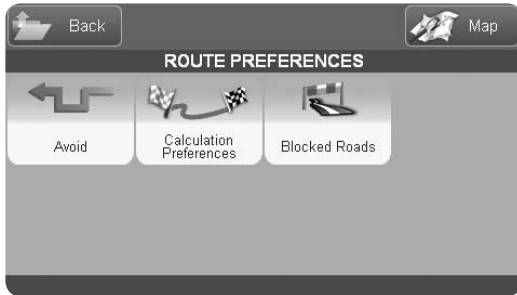
straight as possible, for a comfortable driving. The resulting route will probably be longer both in terms of time and distance than the previous ones.

**Attention:** these parameters are applied on the cartographic data, so their efficacy depends on the quality of the maps. For this reason it is highly recommended to keep the maps updated (read Chap 5).

You can also customize the route calculation choosing to avoid some types of streets or areas. From the Route Functions menu touch the Route Options button, then touch the Avoid button. You can to avoid:

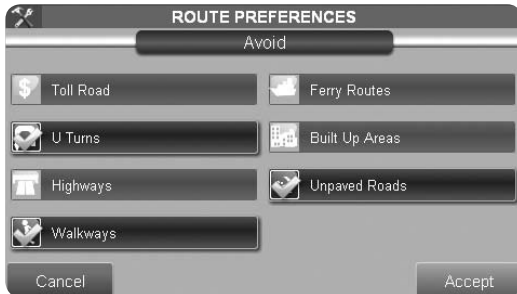
- Toll roads
- Highways
- U turns
- Pedestrian roads

## Satellite Navigator



- Ferry routes
- Built-up areas
- Unpaved roads

Bear in mind that you are choosing what to avoid in the route. So if you select: Toll roads, then the route calculation will avoid toll roads.



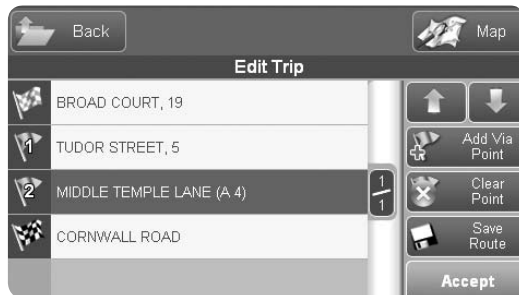
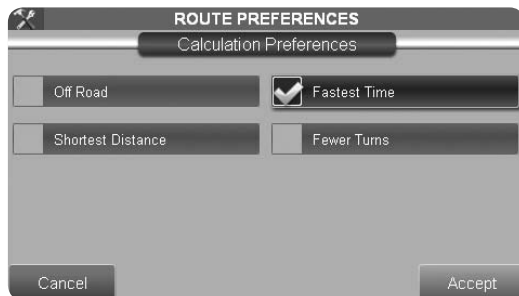
## Satellite Navigator

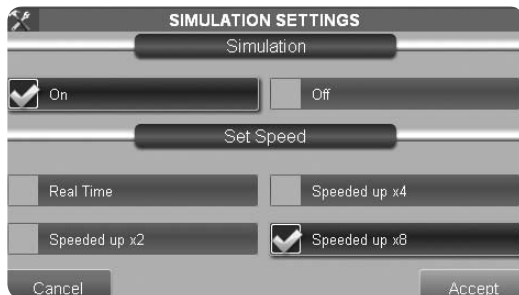
### 2.4.4 Adding Via Points

You can modify the route by adding via points. Select the address (par. 2.3); Touch More Options then set it as Via Point. The map will display a departing flag, a destination flag and a via point flag. To add a second via point, simply repeat the operation. Once you have added all the via points, you can always change its sequence.

### 2.4.5 Changing the Via Points sequence

- Open the Navigation Menu
- Select Route Functions
- Select Edit Via Points





You can change here the order of the via points, delete them or add new ones. To move one via point, select it and then press the arrow up / arrow down button. Once you have optimized the trip according to your needs, you can save the route for future uses by pressing Save Route. Once you have moved the via points, touch Accept to start the recalculation.

### 2.4.6 Simulating mode

Once you plan your route, you can always start a simulation of navigation that will display the moving vehicle along the itinerary with the average speed assigned to each road by Navteq, or you can see it speeded up x2, x4, x8 times. During the simulation you can consult the itinerary with the list of roads and the list of manoeuvres. (Par.2.5.1). To start a simulation:

- Plan a route from point A to B as explained in the previous

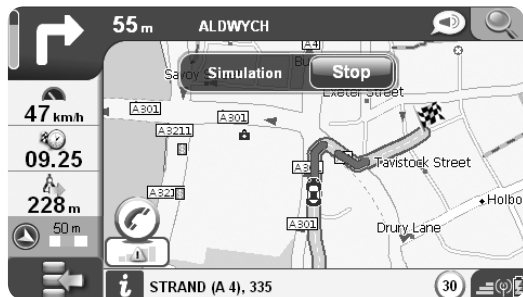
## Satellite Navigator

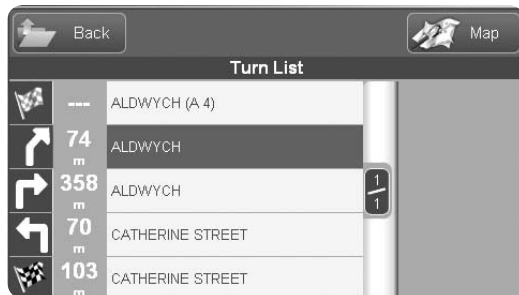
paragraphs.

- From the More Options page (2.3.6), press Simulation.
- The simulation menu will open. Press On, then choose the speed and then press Accept. The map will display the simulation of the navigation.

To stop the simulation, open the same page and press the Off button. In the Simulation Settings page, you can choose the simulation speed among:

- Real Time
- Speeded up x 2
- Speeded up x 4
- Speeded up x 8





## 2.5 Advanced planning

### 2.5.1 Viewing the Turn List

The Turn List option allows viewing the list of all the manoeuvres to be made along the trip. Select a manoeuvre to view it on the Map. To open the Turn List: select Route Functions and then Select Turn List. You can open the Turn List during the navigation simply pressing the arrow that indicates the next manoeuvre in the upper left corner of the map.

### 2.5.2 Detouring to avoid a street

You can choose to detour a route by avoiding a street. To open the list of streets along the route, open the Navigation Menu, select Route Functions and then select Detour. You can select one street and choose to avoid it by pressing Detour. The Navigator will recalculate the

## Satellite Navigator

route avoiding the selected street. Press Reset Default itinerary to delete all the detours.

### 2.5.3 Blocking a road

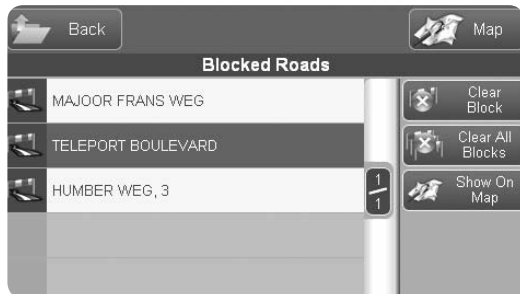
It is also possible to Block a street (if for instance the road is under construction), the Block will remain until the user unblocks it. Select a street manually on the map, or by typing an address then in the More Options page (par. 2.3.6) press the Block street button. The street will be displayed in red and two red icons will delimit it.

To unblock it:

- In the navigation menu, touch Settings
- Touch Route Preferences
- Open the list of blocked roads
- Select the desired road to unblock it.







## 2.5.4 Route overview

On the Route Overview window, you can find the most relevant information concerning the route, for you to consult during your trip or while planning it:

- Point of departure
- Point of arrival
- Departure Time
- Total Distance
- Remaining distance
- Total time
- Remaining time
- Estimated arrival time

Three orange icons indicate the kind of street that you will encounter along the route:

- Total Km to cover on major roads
- Total Km to be cover on toll roads
- Total Km to be cover on unpaved roads

## Satellite Navigator

Pressing on these icons you access to the Route Options menu where you can decide to avoid for example unpaved roads. From the Route Overview page, select Show route on map, to view the complete route in one screenshot.

Press Set Departure Time to set the departure time (this allows you to get a preview of the estimated time of arrival).

Select Set Speed in order to set the speed according to your average speed.

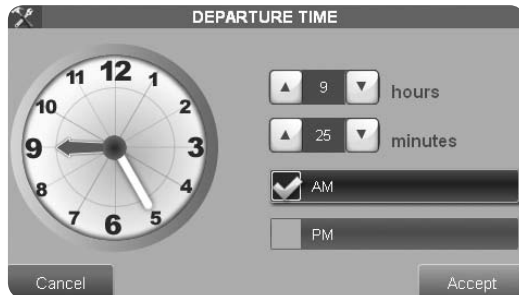


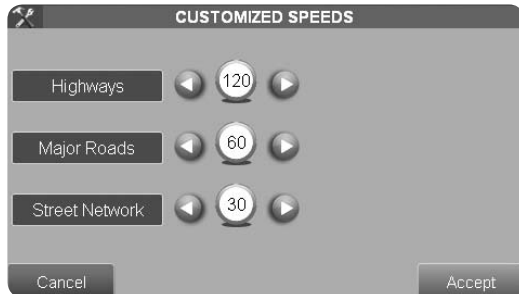
### 2.5.5 Planning next stop

This function allows planning the stops along your route. To access the route planner:

- Open Navigation Menu
- Select Route Functions
- Select Plan next stop

You will be able to search the position where you will be within a certain distance or a certain time frame





from the point of departure and to search POIs near that position. Let's take this as an example: shall you want to stop for refuelling within 100 Km from your departure:

- Select the window Where
- Set the distance (ex 100 Km) by pressing the arrow
- Select the Gas Station option to search for the closest ones to your estimated position
- A list of gas stations near that position will be displayed. Select one of the options. You will be displayed the page containing the complete information
- Press the green button to access the Start navigation page
- On the Start Navigation page press Set as Via Point. Shall you, for instance want to find a restaurant within two hours:
- Select the option When
- Set the time and select the Restaurants option.
- The software will calculate you position using the

## Satellite Navigator

average speed allowed in every street according to Navteq official data, or the average speed that you

### **Suggestions**

To better plan your next trip you can do it even without the GPS signal, while in the office or at home. If necessary, plug the navigator to the charger. To plan the next stop in a time interval, it is always necessary to set the departure date.

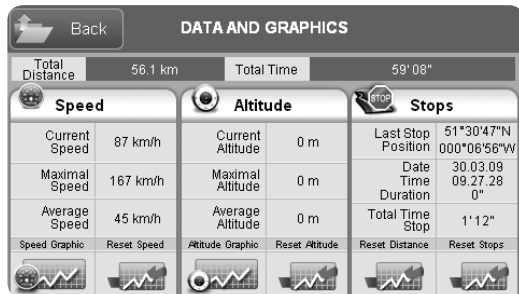
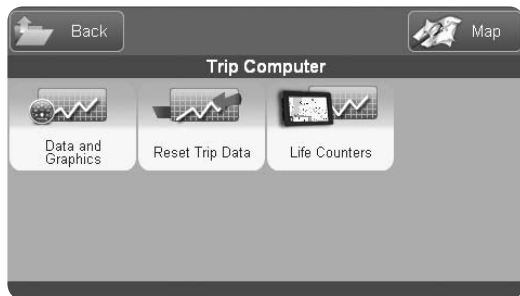
It is also advisable to personalize the average speed, to get a personalized result. have entered. Average speed settings can always be personalised from Settings Menu (see par 2.14.1).

## 2.6 Trip Computer

While on a journey, you can consult the Trip computer, even if you are driving without having set a destination.

To access the Trip computer:

- Select Trip Computer from the navigation menu
- Touch Data and Graphics. The trip data include:
- The distance covered
- The top speed reached and average speed
- The highest altitude and average altitude
- The total time of stops



To view the speed and altitude graphs, touch the relative icons for each column. The graphs draw in real time the situation for each trip segment. The trip segment is indented as the itinerary between one stop and another. The white line represents the real time situation; the green line represents the average value in that segment.

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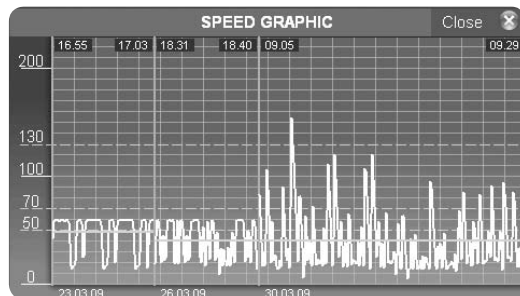
The orange vertical lines represent the stops (pauses).

The data are registered continuously and they can be set to zero only by resetting the counters, by touching the reset button below each column of the trip data.

To reset all the counters in one operation, touch the Reset button in the trip Computer Menu.

The Total counter registers the data of the total life of the navigator, and it cannot be set to zero. It includes:

- Maximum speed and average speed
- Maximum altitude and average altitude
- Total time
- Total distance
- Total stop time (the sum of stops)



The screenshot shows the 'LIFE COUNTERS' interface. At the top, there is a 'Close' button and a small icon. Below the title, there is a 'Total Distance' section showing '56.3 km'. Below this, there is a table with two columns and four rows of statistics. Each row has a small icon to the left of the text.

Total Distance 56.3 km	
Maximal Speed	Average Speed
167 km/h	45 km/h
Maximal Altitude	Average Altitude
0 m	0 m
Total Time	Total Time Stop
59' 28"	1' 12"



## 2.7 Managing Personal data

From the personal data menu you can manage: your saved routes, your Points of interests (downloaded from the internet), contacts and tracks

### 2.7.1 Saved Routes

#### 2.7.1.1 Saving the route

Once a route has been set, you can save it for future uses.

- Open the Navigation menu
- Select Route Functions
- Select Save Route

A virtual keyboard will appear: edit the name of the route and press OK. The route is added to the list of saved routes

## Satellite Navigator

### 2.7.1.2 Modifying or using a saved route

Select the desired route to open the Saved route options menu. In this page you can:

- Rename the route
- Check the Route (Turn List)
- Delete the route
- Change the Icon of the route

If you want to use a saved route again:

Touch the View route button in order to open the Turn List page, then press the green arrow button to accept and access to the start navigation page. In the Start Navigation page press the chequered flag button to calculate and start the navigation along the saved route. If the saved starting point is different from your current GPS position, the software will calculate the route from your current position to the saved starting point then heading to the final destination. Once you are navigating on the saved route, you can always modify it. The





changes won't be saved unless you press Save route in the Edit trip menu, this way you can save it as a new route with a new name.

### **2.7.2 Points of Interest**

#### **2.7.2.1 POI types**

The cartography of the car navigator already includes a vast database of Points of interest also called System POI (to consult the category and subcategory list, see the appendix). On top of these System POIs, you can add new ones.

All you need to do is to download the special software available from the AvMap site [www.avmap.it](http://www.avmap.it) and then consult specialized sites such as (e.g. [www.poigps.com](http://www.poigps.com)). These POIs are called Users POIs.

#### **2.7.2.2 Displaying or Hiding a POI category**

1. Select POI management
2. Press System POI and access the categories list
3. Select a category and enter the subcategory list
4. Press the Icon on Map button to choose to display or hide the selected category.

By default all the POIs are visualized on the map with their corresponding icon. Nevertheless you can always decide to hide some POIs categories.

#### **2.7.2.3 Setting the favourite POI categories**

The Favourite POI list has the purpose of simplifying the research by frequently searched POI categories for instance Gas stations, restaurants, ATMs, etc. Select Favourite POIs to view the favourite subcategories list. Select an item from the list and you will access the menu that allows to delete it from favourites or to reactivate it. To add a subcategory

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to favourites:

1. Press System POIs and access the categories list
2. Select a category and consult the subcategories list
3. Select a subcategory
4. Press Add to Favourites. The subcategory will be added to the favourites list, to facilitate your research.

### 2.7.2.4 I User POI

You can download new POIs such as speed cameras, shops, restaurants, etc. You must first register your device on the [www.avmap.it](http://www.avmap.it) web site under the Support / Register section, in order to be able to download the Geosat update application (Chap. 5)

- Download the POIs from your favourite internet site (ex. [www.poigps.com](http://www.poigps.com)), paying attention to choose the AvMap compatible format. Save them on your PC.
- From the Support section at [www.avmap.it](http://www.avmap.it), select

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### Downloads and FAQs

- Then select the device model “Geosat 6” from the scroll down menu.
- Click on Software update to download the application to update software and to load new Points of Interest (for software update read Chap. 5)
- Registered Login and Password will be requested
- Save the File on your Pc.
- Once the software has been downloaded on your PC, connect the Geosat 6 to the USB port with its wire.
- Run the Geosat 6 Updater application and select the POI transfer icon. This application allows you to select the files to transfer into your navigator.
- A window will show the user POI already loaded in the navigator.
- Select the “+” icon to add a new file.

- Select the first file to transfer from your PC and click “open”.
- The window will now show the downloaded file
- Repeat the process to add new files.

To access the users personal POIs:

Select User POI option from the POI Management Menu. The complete list of the user’s POIs will be displayed. Select a group to access the complete info. From here you can:

- Set an approaching alarm to all the POIs belonging to the group.
- View or hide the POI icon from the map
- Add the group to favourites

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### 2.7.2.5 Setting the speed traps alarm

1.Touch User POI

2.Select the user POI group you want to alarm

3.In full info page touch the Alarm button, on the right column

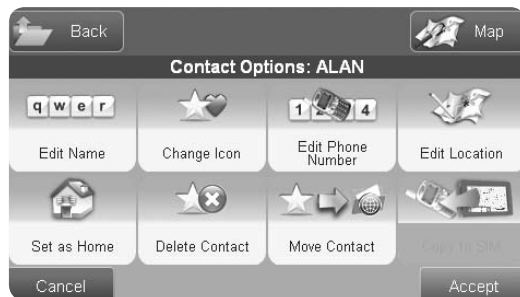
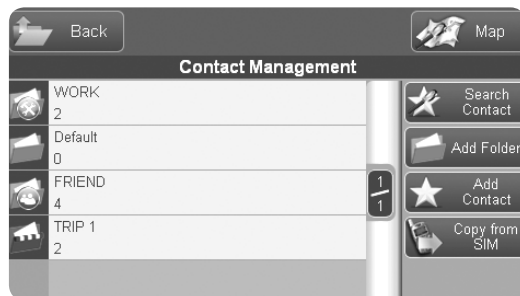
4.Choose the type of alarm (touch one, then touch test to hear it )

5.Touch the green arrow in the lower bar to open the second page, where you can set the ray (form 100 m to 5 Km) within which the proximity alarm has to detect POI. Touch Accept to go back to the POI full info page.

6.Touch on Icon on Map to choose whether to show or to hide the Poi icon on the Map, then press Accept.

At this point beside the name of the POI group you will see an orange icon of a bell indicating the POI group has been alarmed and an icon of a magnifying glass indicating that the POI belonging to this group are visible

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on the map.

### **2.7.3 Address book**

#### **2.7.3.1 Address book**

Geosat 6 can store up to 1.000 personal contacts in the address book. The contacts will be saved in a predefined folder, or in a folder chosen by you.

#### **2.7.3.2 Creating a new contact**

To create a new contact: enter the desired folder, by selecting it from the list of folders. Then select Add a contact, the Add contact menu will open, choose here in which way you want to select the address.

To add an address, select address and follow the same procedure as when adding a new destination. You can also enter a point by entering latitude and longitude, either by selecting it from the POIs or by

directly choosing it from the map. Once you enter the point, you can access the Contact Options Menu, where you will be able to:

- Edit the name of the contact
- Change the icon
- Move the contact to another file where it has been saved.
- Add a new telephone number (only for models with Bluetooth or GSM)
- Delete the newly created contact.
- Set the contact as Home.

Press the Edit name button to change the name, the keyboard where to type the name will be displayed. Select OK to go back to Contact Options. After you have done all the modifications select Accept. A new page will be displayed with the option navigate to

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the contact or go back to Options if you want to do more modifications. To exit the process press Map.

### 2.7.3.3 Creating or modifying a folder

When you access the address book, on the left side of the screen, you will find the list of the folders and on the right side the buttons for their management. To add a new folder press “Add folder” option. The Folder Options menu will appear. You can:  
Edit the name of the folder. A virtual keyboard will be displayed. Type the name you want to give the folder and then press OK.

- Change the icon that will represent the file.
- Set an approaching alarm on the contacts of the file.
- Delete the file you created.

After finishing the modifications, select Accept and

go back to the folders list, where the new folder will be displayed.

After that, you can still modify the folder’s attributes. Enter the file by selecting it from the list. Then press Modify file to access the Folder Option menu.

### 2.7.3.4 Alarm Contacts

It is possible to set an approaching alarm to one or more contacts folders:

- 1.Choose the folder you want to alarm.
- 2.Touch Folder Options
- 3.Touch Set the Alarm
- 4.Choose the alarm
- 5.Use the arrow to scroll to the second page and set the alarm range
- 6.Touch Accept



7.Repeat the operation for each folder you would like to alarm. To deactivate all the alarms read Par. 2.14.4.1

### 2.7.3.5 Setting Home address

The HOME address can be quickly recalled with the quick Drive me Home command from the Where to Go menu. To set your home address: Enter the address by following the procedure on par. 2.3 On the More Options page select Set as Home. The Drive me Home function will activate the navigation from the current GPS position to the address set as Home.

### 2.7.3.6 Transferring your contacts

When you buy a map update, you just have to substitute the old SD card with the new one preloaded with the new software and new maps. In order not to lose you personal contacts, you will need to copy these contacts on the new SD card.

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1. Connect Geosat 6 (with the old SD card) to the PC through the USB cable
2. Open PC resources and explore Geosat 6 as a removable disc.
3. Copy the folder named 'Geosat 6' and paste it on your PC.
4. Disconnect Geosat 6
5. Substitute the old SD with the new one, and then connect Geosat 6 to the PC again.
6. Open PC resources and explore Geosat 6 as a removable disc.
7. Paste the folder named 'Geosat 6' previously saved on your PC, on the new memory card.
8. After this operation you need to download a software update (Chap. 5)





### **2.7.4 Tracks**

In this menu you can view the saved tracks each one with its color and with the indication of the length in KM. You can decide to hide or to show the track on the map. Read par 2.3.7 on how to record a track.

### Suggestions

- There are several ways to save a new contact:

**From the map:** press on the Map in the exact location you want to save, and then press the address bar to open the full info page. Touch the More Options page (see More Options page par 2.3.6). From here you can press the Add as contact button, to add the address in the contact address book.

**From the Where to Go Menu:** insert an address in the same way you would do to search for a destination, than in the More Options page press the Add as contact button.

- **Save your Home address!** This way it will be very easy to find the way back home thanks to the Drive me Home shortcut button.
- **Quick saving:** the navigator saves all the new contacts in a predefined folder with a predefined name so you can save them quickly and then you can go back later to rename them and organize them.

## 2.8 GSM Phone

Does your navigator have the built-in GSM Phone? Check in the technical specifications at the end of this manual if your version does include the GSM Phone then check in then navigation menu if you see the Phone button.

Some models of the Geosat 6 PND family are GSM phones, working with GSM SIM cards, and are equipped with speakers and a microphone thanks to which you can make hands-free calls, without any earphone.

Network services: in order to use the phone, you need to request the service to a Carrier. The carrier will provide you with all the necessary information on fees. Some networks may have restrictions on the use of some services.

**ATTENTION:** Geosat 6 GSM models are compatible with GSM SIM cards. The SIM card can be of any carrier as long as it is a GSM type (not UMTS).

**How to insert the sim card (only for models with GSM):**  
Insert the SIM card in the slot just below the SD, with the chip facing up, and the cut corner on the right.

### 2.8.1 Activating the Phone

To access to the Phone functions, touch the Phone button in the navigation menu, or the phone icon appearing on the Map.

- Once in the Phone menu, touch the Activate button.
- At this point you can make only emergency calls (touching the Call button). To use the other phone

## Satellite Navigator

functions you need to insert the PIN.

- Touch Enter PIN and digit the PIN number of the SIM.
- When the phone is activated, the icon on the map gets green, and the GSM signal status is also shown.
- Touch the phone icon on the map to open again the Phone menu.

### 2.8.2 Making a Call

To Make a Call, touch Call in the Phone menu, then choose among the following options:

- Number, if you want to digit a number with the virtual keyboard
- Contact, if you want to look for a number in the address book
- POI, if you want to look for a phone number among Points of interest
- Home, if you want to call the number set as home.
- Recent Calls, to look for a number among the list of the





last called numbers.

After having chosen the number, touch the green receiver icon to start the call.

### 2.8.3 Sending SMS

- Enter the Phone menu
- Enter the Messages menu
- Touch new Message and digit the text with the virtual keyboard.

To digit special symbols, touch the symbols button. The special symbol virtual keyboard will be displayed.

To go back to the normal keyboard touch ABC. To change the characters from small to CAPITAL, use the buttons on the right: “A” for the Capital keyboard or “a” to go back to the small keyboard.

- Once the text has been completed, touch enter.
- Insert the recipient’s number by touching the Send to

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field

- A virtual keyboard will be displayed, digit the number and touch Enter.

If you want to use a number in your phone book touch Edit Recipient.

Once the message has been sent, the Software will go back to the map and SMS will be saved in the Sent SMS folder.

### **2.8.4 Incoming SMS and Calls**

If the phone is active the navigator will receive calls and messages even during the navigation and will notify the event with a pop up window.

#### **Receiving a Call:**

When you receive a Call, a window is displayed on the map showing the caller number (and name if it is saved in the phone book) you can decide whether

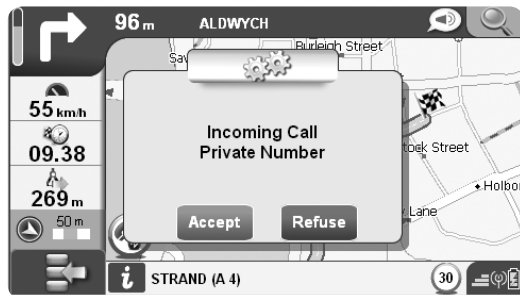
to take it or not or to mute the phone ring, touching Accept / Refuse or the mute icon. If you accept the Call, then it will be hands free. During the call, the display shows the map and the phone icon changes to the Call in progress status.

To end the call, touch the icon? To open the Call menu, then touch End call.

During the call, it is also possible to mute the microphone, by touching the Mute microphone button in the Call menu, the button will then change in Microphone Active. Touch it to activate the microphone.

#### **Receiving SMS:**

When you receive an SMS, a warning is displayed on the map and you can choose to open the SMS or to read it later. In both cases, the SMS is saved in the incoming SMS folder, so you can read it anytime.



If you choose Read now, it will be displayed, to avoid distractions you can touch Read it to me, the navigator will read the SMS for you.

### 2.8.5 Call register

To access the Call register, touch the Call Register button in the Phone menu. Here you can find:

- All Calls:
- Missed calls
- Outgoing calls
- Incoming calls

Each list can be cleared, by entering the list, and touch Delete All. To delete the entire register, touch Cleat Register in the Call Register menu.

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### 2.8.6 Settings

To change the settings touch the Settings button in the Phone menu. For this menu you can:

- Choose whether to show or not your caller ID. Touch Phone Options and then touch Enable or Disable.
- Set the phone to answer automatically after a preset interval of time. Touch Phone Options and then touch the arrows to set the interval of time (for example if you set 10 seconds, you will automatically answer to the call after 10 seconds, without touching the display).
- Set the SMS options like saving or not outgoing messages.
- Set the volume for the ring tone, by touching Audio Options.
- Copy the phone book from the SIM card to the navigator's memory, by touching copy from SIM.
- Change the PIN number. Touch Change PIN then digit the





current PIN and then the new PIN. You will have to insert again the new PIN to confirm it.

- Set your Home phone number.

### **2.9 Hands free calls with Bluetooth®**

Does your navigator have the Bluetooth? Check in the technical specifications at the end of this manual if your version does include Bluetooth® then check in then navigation menu if you see the Bluetooth button.

With the Geosat 6 models equipped with Bluetooth®, you can make and receive hands-free calls in your car. Your mobile phone can communicate with Geosat 6 thanks to the Bluetooth® technology, so that you can manage calls directly from the display of Geosat 6 without touching your mobile phone. Geosat 6 is equipped with a powerful speaker and microphone so that you can listen and talk without the need of headphones.

#### **2.9.1 Setting the Bluetooth® communication**

To set the Bluetooth® communication between your mobile phone and Geosat 6 you need to go through the pairing procedure (this is necessary only the first time).

1. In the second page of the navigation Menu, press the Bluetooth® button.
2. Touch enable Bluetooth® to activate the Bluetooth® (when this is active the icon changes to Disable Bluetooth)
3. Now activate the Bluetooth® communication on your mobile phone too.
4. Touch the Search phones button on Geosat 6 display to search for Bluetooth devices on the surroundings. The names of the found devices will appear in the list on the side.



5. Once the search is over, touch the name of the desired device (the name of your mobile phone), and touch the Connect button.

6. Now the message of pairing request from AvMap Geosat 6 will appear on your mobile phone insert the PIN code: 0000. The communication is now active and the devices are paired. The Pairing procedure is necessary only this first time, then Geosat 6 will automatically find and recognize the paired devices.

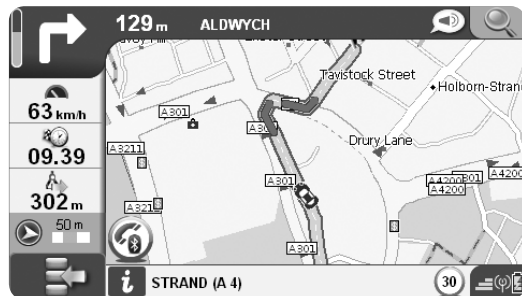
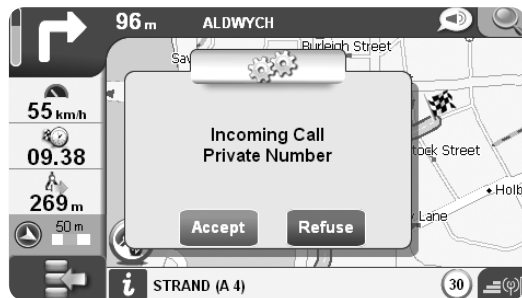
### 2.9.2 Receiving calls

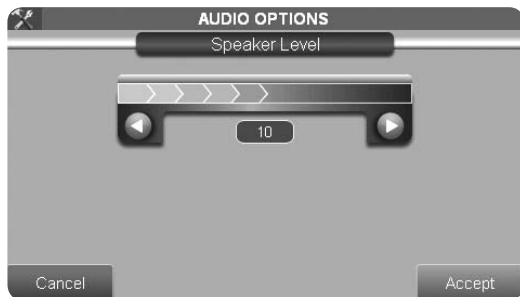
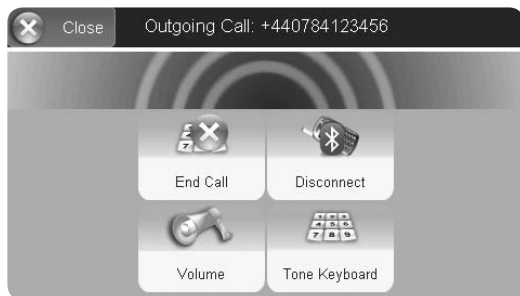
When you receive a phone call and your mobile phone is communicating via Bluetooth® with Geosat 6, the incoming call window appears on the display of the navigator. The incoming call window shows the telephone number and asks you whether you want to accept the call or not. To reject the call answer by touching NO (the red phone button); the incoming phone call window will

## Satellite Navigator

close.

To accept the call touch YES (the green phone button). If you accept the call, the incoming windows will close and the map will appear with the green phone icon in the lower right corner of the display to show that the phone call is in progress. Thanks to the Bluetooth® communication, the call will be hands free, and you will hear it through the powerful speakers of Geosat 6. While the phone call is in progress, it is possible to access to the Call Options by touching the green phone Icon. From the Call options page you can open the keyboard, disconnect the call from the navigator, or Hang up the call. In the status bar (lower right corner) one icon indicates the status of the Bluetooth communication and of the call.





### 2.9.3 Private calls

If you do not want to use hands free calling, you can always disconnect the phone call from the navigator and take it in the normal way.

1. Touch the green telephone icon on the Map to open the Phone call Options page.
2. Touch the Disconnect button: the hands free calling will be disabled and the call could be taken in the traditional way.
3. Close the window by touching the cross button on the upper right corner.

### 2.9.4 Adjusting the volume of the speaker

While the calls in progress, you can adjust the volume of the speaker.

1. Press the Main MENU key on the side Keyboard
2. Touch the Mobile Phone button to open the Mobile Phone page

## Satellite Navigator

3. Touch the Speaker Preferences button
4. Touch the arrows to adjust the volume

### 2.9.5 Dialling a telephone number

It is possible to dial a telephone number directly from the display of Geosat 6 (When the Bluetooth® communication is active).

1. Press the Main MENU key on the side Keyboard
2. Touch the Mobile Phone button to open the Mobile Phone page
3. Touch the Call button
4. Press the Call Number button to open the virtual keyboard.
5. Dial the number and touch the green telephone icon to start the call. If the dialled number is busy, a warning page will appear “Busy number”, touch OK to hang up. During the phone call it is possible to open the call options page.

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### 2.9.6 Using the keyboard during a call

During a call, you may need to enter some numbers (for example to dial an extension or to follow the instructions of an automatic answer machine). You can dial these numbers directly from the screen of Geosat 6:

1. Touch the green telephone icon on the Map to open the Phone call Options page.
2. Touch the Tone Keyboards button: the virtual keyboard will open.
3. Enter the numbers and then close the window by touching the cross button on the top right corner.

### 2.9.7 Last call

As in a mobile phone, the last 15 calls dialled on Geosat 6 are saved in the memory.

To redial the last number:

1. Press the Main MENU key on the side Keyboard



2. Touch the Mobile Phone button to open the Mobile Phone page

3. Touch the Redial button

The last called number will be redialled.

### 2.9.8 Calling Home

With the Home shortcut key you can quickly call your house number (or the number you have set as Home).

To set your Home number

1. Press the Main MENU key on the side Keyboard

2. Touch the Mobile Phone button to open the Mobile Phone page

3. Touch the Call Home button. The call will start and the window will close to go back to the map view.

If the Home number has not been set, then a window will open asking to digit the number.

### 2.9.9 Calling a Point of interest

The points of interest preloaded on Geosat 6 maps are complete with telephone number (for example restaurants, hotels, hospitals, shops etc). You can call these number directly from Geosat 6. To call a point of interest:

1. Press the Main MENU key on the side Keyboard
2. Touch the Mobile Phone button to open the Mobile Phone page
3. Touch the Call button
4. Touch the Call POI button. The POI Search menu will open. Once you get to the results, touch one point of interest to open the corresponding full info page.
5. In the full info page touch the green telephone icon to call the selected Point of interest.

### 2.9.10 Calling contacts

You can save up to 1000 personal contacts with name, address and telephone number. You can call these contacts directly from Geosat 6.

1. Press the Main MENU key on the side Keyboard
2. Touch the Mobile Phone button to open the Mobile Phone page
3. Touch the Call button
4. Touch the Call Contact button. The Contact search menu will open. Once you get to the results, touch one contact to open the corresponding info page.
5. In the contact info page touch the green telephone icon to call the selected contact.

### 2.9.11 Calls register

As in a mobile phone, the last 15 calls dialled and received on Geosat 6 are saved in the memory. To





see the Calls register

To open the recent dialled calls:

1. Press the Main MENU key on the side Keyboard
2. Touch the Mobile Phone button to open the Mobile Phone page
3. Touch the Calls Register button

The calls are grouped as: unanswered, recent dialled, and recent received. To delete the register touch the delete register button. .

To call back a number in the calls register, select the number then touch Call.

### 2.9.12 Automatic answer

You can set the automatic answer to a hands free Bluetooth call after few seconds, so that you can answer without even touching Geosat 6 display.

1. Press the Main MENU key on the side Keyboard
2. Touch the Mobile Phone button to open the Mobile

## Satellite Navigator

### Phone page

3. Touch the Phone settings button

4. Touch the Auto Respond button

The Auto respond page will open. You can here set the time frame (seconds) after which the automatic answer is activated.



## 2.10 iPod® Control

Does your navigator have the iPod Control? Check in the technical specifications at the end of this manual if your version does include iPod Control. This function is available only with In-car integration kit that have the iPod input. The iPod button, unlike the Bluetooth one, stays inactive until the iPod is connected to the car holder. This behaviour is correct and it does not mean that the function is not available.

With Geosat 6 (only for the in-car integrated models), you can control your iPod® directly from the display of the navigator, even during the navigation.

### 2.10.1 Connect the iPod® to Geosat 6

Connect the iPod as described in the Quick installation guide provided in the box.

### 2.10.2 iPod® Control menu

Once the iPod® has been connected, the iPod button in the navigation menu, will light up. Touch it to open the iPod® Control menu where you can choose the play lists, the albums or the song as in your iPod®.

### 2.10.3 Listening to a Playlist

To choose a Play list saved on your iPod®, touch the Play list button in the iPod® Control menu. Select one Play list to see the list of songs. Touch on one song to play the play list.

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## Satellite Navigator

### 2.10.4 Browsing songs by author

To browse a song by author:

1. Touch the iPod® button
2. Scroll the list of authors and select the desired one.
3. The list of albums will appear, select the desired one.
4. The list of songs will appear. Select the desired one.

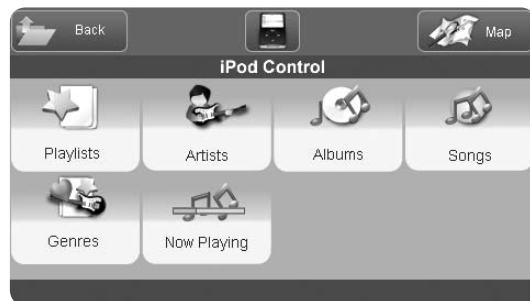
### 2.10.5 Song player page

When a song is playing, you can go back to navigation. To open again the song player page, touch the note icon on the map. The song player page displays the following information:

- Number of the song playing in the play list (e.g. 4 of 34).
- Time length of the song.
- Time remaining to the end of the song.
- Title, author and album.
- Reproduction mode (shuffle, repeat, etc.).

In the lower bar you can:

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- Adjust the volume, with the buttons + and -.
- Pause the song.
- Forward or rewind the next or previous song.

### 2.10.6 Reproduction settings

To open the Settings page touch the button at the centre of the upper bar in all the iPod control pages. You can set here the type of reproduction:

- No repetition: when the play list is over, the reproduction is interrupted.
- Repeat all: the entire play list is repeated.
- Repeat one: repeats the song selected.
- Shuffle: plays the songs randomly.

The selected reproduction type will be shown with an icon on the song Player Page.

## Satellite Navigator



## 2.11 Alcohol Test

Does your navigator have the Alcohol Test? Check in the technical specifications at the end of this manual if your version does include the Alcohol test then check in then navigation menu if you see the Alcohol test button.

This Function is available only for the models some of Geosat 6.

This alcohol test has no legal validity. The resulting values are indicative and should not be considered as certifying the ability to drive according to the Law. AvMap declines liability for the improper use or erroneous use of this accessory function.

### 2.11.1 Calibration

In order to make an alcohol test, you first need to calibrate the breathe sensor. Make sure you perform the calibration when you have not assumed any alcoholic substance; this operation is needed only once. In the main navigation menu, touch the Alcohol test button, read the disclaimer and accept. Touch the User Calibration button, wait for the initialization and blow in the point indicated by the red arrow on the display. Wait until the “Calibration done” message appears.

### 2.11.2 Making the Alcohol Test

Once the calibration is performed, touch Make the Alcohol test. Follow the instructions and blow in the point indicated by the red arrow on the display. The result will be displayed according to the g/l of alcohol revealed in the breath. When the level is considered

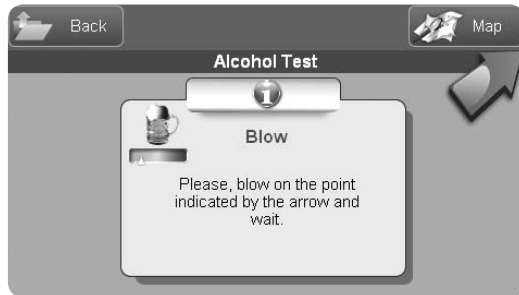
## Satellite Navigator

too high, the message suggests not to drive. Press Repeat Test to make again the alcohol test. The alcohol level at which a person is considered to be legally impaired varies by country. In Germany and Italy it is 0.50 g/l. Sanctions vary from country to country.

### WARNINGS:

- 1.The breathalyzer is designed to test persons having a specific blood-breath ratio. Not 100% of the population has this blood-breath ratio, such ratios in fact vary and the variance can produce erroneous test results.
- 2.The temperature of the machine itself varies, affecting test results.
- 3.Body temperatures vary, affecting test results.
- 4.Smoking may affect the results
- 5.Taking two consecutive tests without waiting may affect the result, as the sensor needs the time to clean itself, wait at least 2 minutes.

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## Satellite Navigator



6. Taking the test just after drinking affects the result as the alcohol in the breath is not coming from the lungs, but straight from the mouth. These warnings apply for this alcohol test as well as the pre-testers used by the police.

### 2.12 Unit status

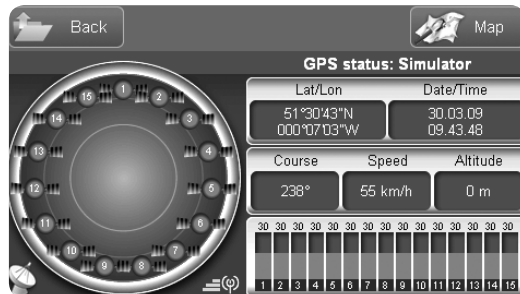
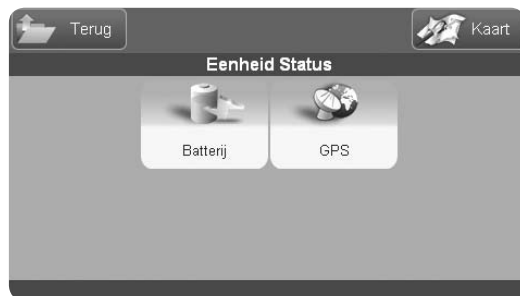
#### 2.12.1 Unit status Menu

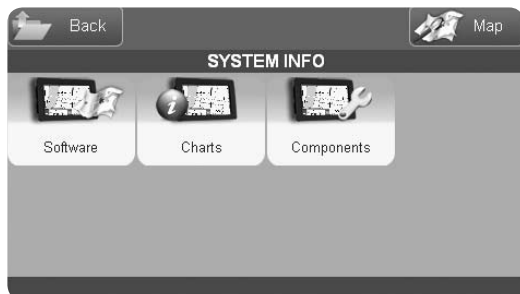
To access all the information on the Unit status, press the status icons on the map. You will be able to check:

- Battery status
- GPS signal status
- TMC signal status (on models that have it integrated)
- Bluetooth status (on models with Bluetooth)

#### 2.12.2 GPS page

On the GPS page the satellites and a series of data such as altitude, current position, ground speed, movement direction, hour and date are displayed. Press Reset to restart the GPS antenna and Data Display to view the data page.





## 2.13 System info

This menu provides info on the software version, the map preloaded and the components installed in your Geosat 6.



## 2.14 Settings

Select settings from the navigation menu to set your preferences:

- User Preferences
- Device Preferences
- Route Preferences
- Map Preferences
- Alarms
- Delete recent
- Default Settings

## Satellite Navigator

### 2.14.1 User Preferences

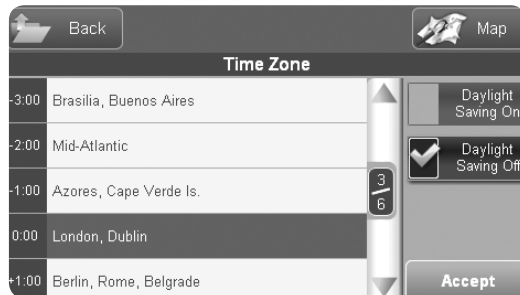
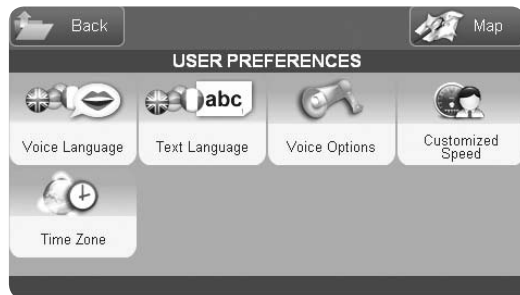
The User Preferences Menu allows to set personalized parameters.

- Voice: choose the voice for the navigator's vocal instructions
- Text Language: choose the language of the text
- Voice Options: adjust the volume of vocal instructions
- Customized speeds: set your average speed, these value will be used to calculate the time to destination
- Time zone: set your time zone

#### 2.14.1.1 Text-To-Speech

Geosat 6 provides turn-by-turn vocal instructions. You can choose between pre-recorded human voices or instructions read by a vocal synthesis technology (Text-to-Speech).

The advantage of the Text-to-Speech system is that it allows the navigator to 'read out loud' beside the



manoeuvre instruction (e.g. 'Turn right'), even the name of the street to take (e.g. 'Turn right in Regent street'). This way the instructions will be complete and more useful. To activate the Text-To-Speech:

1. Open the User Preference menu and touch Voice Language.
2. Touch Text-To-Speech.
3. Choose the desired language from the list
4. Touch Accept

### **2.14.1.2 Setting the time zone**

The time is shown when the navigator gets a valid GPS fix. The estimated time of arrival is calculated starting from this time. The Time is received from the satellites as Universal Coordinated Time (UTC, or GMT). This clock is extremely precise but you need to set the time zone and the Day Light Saving (summer) or solar time (winter).

Geosat 6 is set on the Italian time zone (UTC+1 o CET - Central European Time), Day light saving OFF (winter).

To modify the time zone:

Open the Navigation Menu

Touch Settings

Touch User Preferences

Touch Time Zone

Choose the desired time zone

Select Day Light Saving ON / OFF (summer / winter

Touch Accept.

**ATTENTION:** remember you have to change the time zone manually when you move for one time zone to another.

### **2.14.2 Device Preferences**

Through the Device Settings menu you can set the

## Satellite Navigator

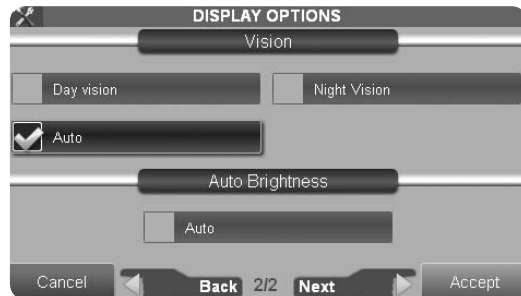
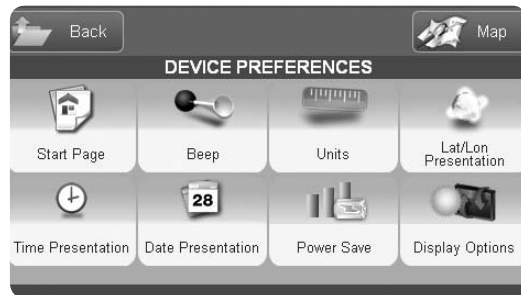
following parameters:

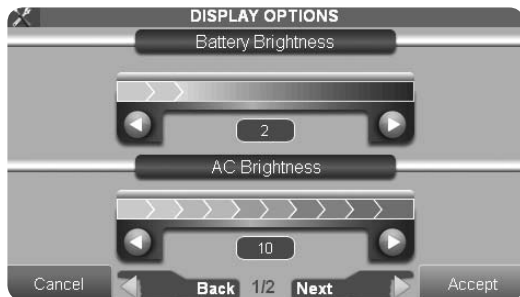
- Starting Page
- Beep
- Unit of measure
- Lat Lon format
- Time format
- Data format
- Power save
- Display options

### 2.14.2.1 Display options

In the first page of the Display Options menu you can adjust the brightness of the display.

In the second page you can set the Night vision. The night vision changes the colour palette to allow an easier consultation in absence of light. If you select Auto, then the switch between day vision and night vision will be





automatic, following the time.

In the same window you can also set the brightness as automatic: the brightness will vary according to the environment brightness level that is perceived by the sensor on the back of the Geosat 6.

### 2.14.3 Map Preferences

Through this menu you can:

- Choose the Map Direction (towards North or towards route)
- Set the Map Detail
- Enable Satellite background image
- Choose the map vision: 2D or 3D
- Set the Automatic Zoom
- Set the display of the icons on the map
- Set the Data boxes ( the type of data displayed during the navigation)

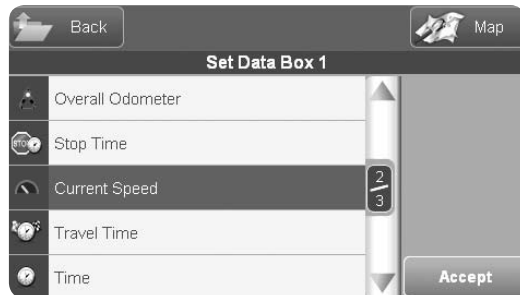
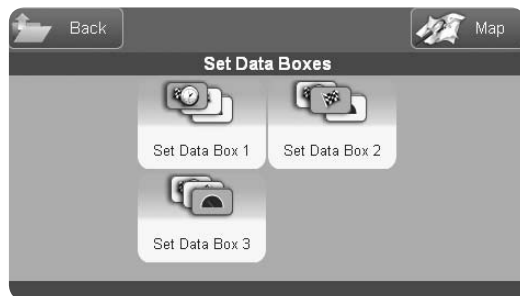
## Satellite Navigator

### 2.14.3.1 Setting the navigation data

If the navigation is active three fields are displayed by default on the left side of the screen (horizontal mode) or in the lower side (vertical mode): speed, time to destination and distance to destination. These fields can be customized.

- 1.Touch a box to change the information displayed in it.
  - 2.Select from the side list the information that you want to display.
  - 3.Repeat the operation for information Box 2 and 3
  - 4.Press Accept to close the window and get back to the map.
- You can choose between:

- Altitude
- Driving time
- Average speed
- Maximum speed
- Trip Distance
- Total distance
- Via stop duration





- Speed
- Total Time
- Time
- Time Sunset/Dawn
- Time to next manoeuvre
- Expected time to destination
- Countdown
- Distance to destination

### 2.14.4 Setting contacts alarms

It is possible to alarm the contacts, so that an acoustic alarm warns you every time you are near a saved contact. You can alarm one or more contacts folders, as described in par. 2.7.3.4. To deactivate the acoustic alarm:

Open the Navigation Menu

Select Settings

Touch Alarms

Touch OFF.

If you touch ON, all the alarms set in the Contacts management page will be reactivated.

#### 2.14.4.1 Setting the speed alarm

In order to set the speed alarm:

1. Open the navigation Menu
2. Touch setting
3. Touch Alarms

In this window it is possible to activate:

- The automatic speed alarm, which is an alarm warning you when you are trespassing the speed limit for one road stretch (as indicated from the Navteq data). During the navigation, the speed limit will be shown (when present in the Navteq data) with the corresponding sign in the information bar, next to the street name.

## Satellite Navigator

- It is also possible to set a customized speed alarm, setting your own speed limits.

Select the desired option and touch Accept.

It is possible to customize the limit for each type of road. In the User Preference menu, touch Customised speed, then act on the arrows to adjust the speed limits for Highways, major roads and street network. Touch Accept to confirm.



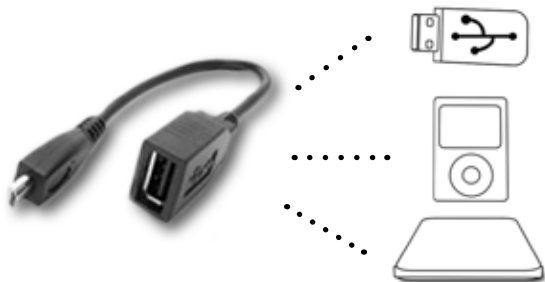
### 3. Multimedia Player



Geosat 6 can play multimedia files store in a SD memory card.

**ATTENTION:** do not remove the AvMap SD card from the navigator while you are in the satellite navigation mode.

In order to safely remove the SD card, exit from the satellite navigation software touching the Exit button in the upper left corner of the Navigation Menu. Only once you are in the device Main menu, you can extract the SD card and insert your own card preloaded with pictures, audio and videos.



Through the master/slave USB port you can connect Geosat 6 to external hard discs. USB keys etc

The audio-video player supports formats: Mp4, Mpeg4, DivX, Mp3, Avi, Wave, Windows Media, Matroska, Audio Vorbis, FLV. To open the audio - video player touch the corresponding button in the device main menu.

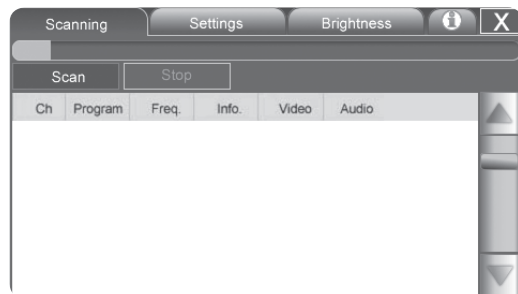
## Multimedia Player

1. Open the player menu touching the button in the upper left corner.
2. Touch file
3. Select the memory to be explored: Storage Card (SD memory card), or Hard disc (external device connected to the Geosat through a USB cable)
4. Select a folder or file to play and then touch add file, or add all to select other files and then touch Play.
5. Touch the display to get a full screen view. Touch again to go back to the reduced view. In this mode you will see on the left side the following buttons: volume up, volume down and mute, on the right side the buttons: cycle, forward, play/pause, back. The lower bar will show the name of the file.

To open the picture viewer touch the corresponding button in the device main menu.

1. Touch the folder file to browse for images
2. Select the memory to be explored (as explained earlier),
3. Select the file and touch on the magnifying glass icon to view it.
4. Touch the display to get a full screen view. Touch again to go back to the reduced view. In this mode you will see on the left side the following buttons: Exit, open file, zoom in, zoom out; on the right side: forward, backward, cycle. The lower bar will show the name of the file.

## 4. Digital TV



Does your navigator have the built-in Digital TV? Check in the technical specifications at the end of this manual if your version does include the built-in Digital TV then check in then Main Menu (when you switch on the device) if you see the TV button.

Function available only for models equipped with DVB-T antenna.

In areas with weak DVBT signal, the use of the external TV antenna may improve the quality of reception. Please insert the antenna carefully as shown in the illustration, not to damage the connector.

### 4.1 Channel Scan

Open the TV application by touching the TV button in the main menu. The software will automatically make a quick scan. In order to be sure to get all the available

## Digital Television

frequencies you can also carry out an advanced Scan. Enter Settings and in the Channel Scan tab touch Advanced. A pop up window will warn that the operation may take some minutes, touch Yes and wait. When the scan is over, close the Settings window by touching the X button. The list of available channels will be displayed. You can perform a scan any time you want by touching Settings. If you set some channels as Favourites, they will be kept in the channels list.

### 4.2 Choosing a Channel and watching it

Browse the channels List using the up and down arrows and choose one. The preview will be displayed on the left. Touch the preview to watch the channel, in this control window you can adjust the volume or browse the channels, to watch the TV full screen, touch on the movie image. To go back to the control

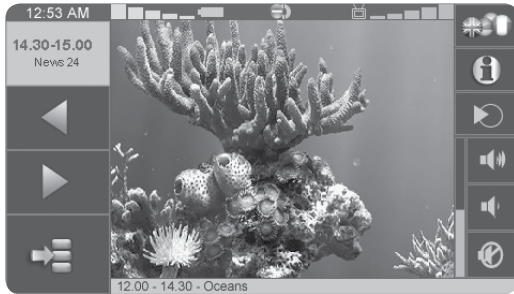
window touch again the movie image.

### 4.3 Favourites List

You can create your favourite channels list. In the available channels list select the channel you would like to set as favourite and then touch Add to favourites: a hearth icon will appear next to it. To open the favourites list, touch the Favourite List button in the Channels list. To remove a channel from the favourites list, select it and touch Delete from Favourites.

### 4.4 Channel's info

Some Broadcasting stations provide detailed info on their channels. To view them touch the Info button at the right of each channel in the list. The full info page will be opened; you can also scroll the list from here, to see the full info pages of other channels. To go back



to the available channels list touch Back to List. To see the Channels programming, touch Programming.

### 4.5 Channel's programming

The programming can be viewed both from the full info page, and from the available channels list, by touching the Programming button. To go back to the channel List touch Back to list, to watch the channel touch Watch Channel.



### 4.6 Channel's Lock

The channel's Lock allows you setting a password to watch a channel, so that only who knows the password can watch it. This is useful as a parental control if you want to prevent your children to watch a specific channel. To set the lock:

1. Select a channel.
2. Touch Lock Channel

## Digital Television

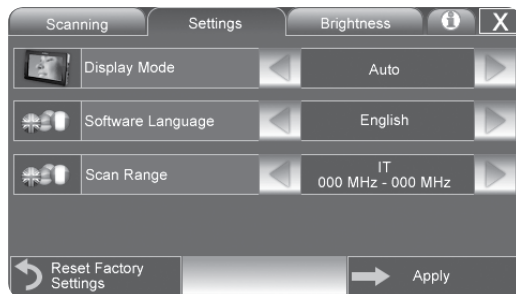
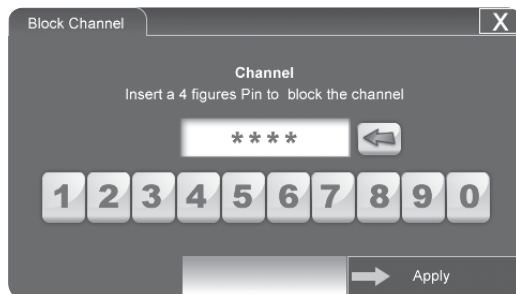
3. Follow the instructions and enter the 4 figures PIN

4. Touch Apply

The block is now active. A prohibition icon appears, and if you select the channel the preview is not available. To unlock the channel touch Unlock Channel and enter the PIN code.

### 4.7 General Setup

To open the General Setup page touch the Settings menu then touch the General Setup Tab. Here is possible to change the language of the software and choose different types of display modes. Touch Apply to save the changes.





## 4.8 Multi language

Some Broadcasting stations provide Multi language programs, so there are more language options for the audio and subtitles. Choose a channel and watch it, then touch the Language button (the one with the flags). Scroll with the arrows the available languages for audio and or subtitles. Touch Apply to confirm the changes or X to go back to the TV without changing the language.

## 5. Updates

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### 5.1 Checking your software version

In order to get the best out of your navigator, remember to keep the software updated.

To find out which software version is installed on your navigator:

- 1.Touch the setting button
- 2.Touch the system info button
- 3.Select the Software page. The software version is indicated as V1.x. xxxR (a progressive number), followed by the date ddmmyy.

Now you need to visit [www.avmap.it](http://www.avmap.it) to check whether there is a more recent software release.

- 1.Enter the Support area of the web site, then select Download and FAQ.
- 2.Select you product from the scroll down menu
- 3.The FAQ page for your product will be opened, click on Software update, from the Download column on

the left.

- 4.In the software updates page read the software version and compare it with the one installed in your navigator. In case you software is older, you need to update the software

### 5.2 Registering your product

The software updates are free. In order to download them you need to register your product on [www.avmap.it](http://www.avmap.it).

- 1.Visit the Support section of [www.avmap.it](http://www.avmap.it)
- 2.Select Register
- 3.Fill the form and click on submit...
- 4.You will receive via email a Login name and a Password.
- 5.From this moment you will be able to download software updates for free using the login and password received.

### 5.3 Downloading the software updates

1. Enter the Support area of the [www.avmap.it](http://www.avmap.it) web site, then select Download and FAQ.
2. Select your product from the scroll down menu
3. The FAQ page for your product will be opened, click on Software update, from the Download column on the left.
4. In the software update Page you will see the software release name and description, click on download. The file Geosat 6 Update\_x.x.xx.zip will be saved on your computer.
5. Remember to download the Manual Addendum for this software version (par. I.II), introducing the changes and innovations of the new release. You can find the addendum clicking on Manuals in the download menu in the left Column.

### 5.4 Installing the software updates

1. Disconnect the navigator from the power supply cable. **WARNING:** do not feed the navigator when connecting it to the PC, this could damage the device.
2. Turn on the navigator without feeding it and connect it to the PC through the USB cable provided (the navigator will be charged through the USB cable). Wait for the Windows OS to recognise it.
3. Open the file "Geosat 6 Update\_x.x.xx.zip". It is a zip containing an executable file. Unzip it.
4. A dialog window will open. If Geosat 6 has been correctly recognised, then a Geosat 6 icon will appear on the left, and the button on the right will be highlighted in blue. If this does not happen, make sure that Geosat 6 is turned on, and that the cable is correctly plugged both into the navigator and the PC.
5. Once Geosat 6 has been detected, click on the blue button.

## Updates

6. The update will be installed automatically.

7. Once the update is completed, follow the instructions.

**Attention:** to make sure that the device will work correctly, carefully follow the instructions at the end of the update procedure

### 5.5 Updating the Map

It is very important to keep your navigation system up-to-date also with the latest maps for a safer and more precise navigation. AvMap navigators work only with AvMap original Maps. Maps updates are released periodically by AvMap about three times a year.

To check which map version is pre-loaded on your navigator:

1. Open the Navigation menu
2. Touch the Setting button
3. Touch System info

4. Select the Map page. The Map version is indicated with a name e.g. ITALY, followed by a number V.x. (a progressive number)

Now you need to visit [www.avmap.it](http://www.avmap.it) to check whether there is a more recent Map available.

Visit [www.avmap.it](http://www.avmap.it) and open the Cartography page. Select your product from the terrestrial scroll down menu: all the available maps will be shown. Compare the Version (v.x) with the one preloaded in your navigator. If a newer version is available, you can buy the update. The new map is preloaded together with the latest software on a new SD memory card. You will just need to substitute the old SD with the new one.

### 5.6 Available Maps

#### Europe

**North America** USA + Canada

#### Regional Maps

UK & Ireland / North Europe / Benelux / Germany / East Europe  
/ Western Europe / Italy / Italy Plus / Greece & Turkey / Iberian  
Peninsula / France / Brazil / Malaysia / Russia

### 5.7 Why to update the Maps

The efficiency of the navigator in calculating the best route depends on the quality of cartographic data. The higher the level of coverage, the richer the content, the better your navigation experience. The street network undergoes continuous changes, thus old maps are the most common cause of the

bad functioning of the navigator and may cause consequently delays and detours.

For this reason it is highly recommended to update the map once a year.

**Attention:** AvMap constantly buys Navteq new data, but it has no control on the status of the updates and their correspondence the current situation. AvMap does not guarantee that recent changes in the street network are immediately corrected in the Navteq maps

## 6. Trouble Shooting

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May you have problems or doubts on the functioning of your Geosat 6, please follow these instructions:

1. Read all the Trouble Shooting chapter of this manual.

2. If you have not found the answer to you problem in this manual, then visit [www.avmap.it](http://www.avmap.it) and consult the FAQ (frequently asked questions). Enter the Support section, Click on FAQ and Downloads then select your product from the scroll down menu. You will read the most common FAQ. You can search FAQ by categories, or type a word and search it in all the FAQ.

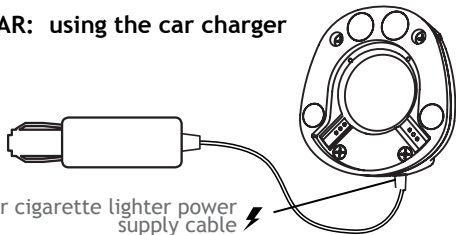
3. If you have not found the answer to you problem in the web site FAQ section, then contact the AvMap on line Assistance. In the support section of [www.](http://www.avmap.it)

[avmap.it](http://avmap.it) click on line Assistance. Fill the support request module. AvMap customer care service will reply as soon as possible.

4. You can also write an email to [info@avmap.it](mailto:info@avmap.it), or fax to 0039 0585 649603 specifying name, surname, address, telephone number, email, model of navigator and a detailed description of your problem.

5. If even in this way you have not succeeded in finding a solution, you can call the AvMap Call Center at +39 0585.78.40.44. The Call Center is inside AvMap factory in Italy, in direct contact with the production line. Our operators will assist you providing all the info you need, and generating, if necessary, a RMA (Return Machine Authorization) so that you can send to AvMap your navigator for reparation (Read the Warranty document).

### IN THE CAR: using the car charger

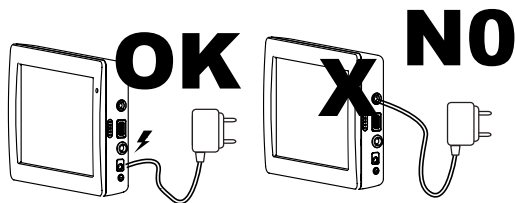


### 6.1 The car charger connector does not fit in the navigator's power socket.

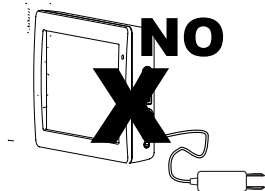
The car charger (aka cigarette lighter power supply cable) must NOT be plugged directly in the navigator. The car charger must be plugged with one end in the car cigarette lighter and with the other end in the active holder.

The power socket on the right side of the navigator is meant to be used only with the AC/DC power supply

### AT HOME: using the AC/DC power supply cable

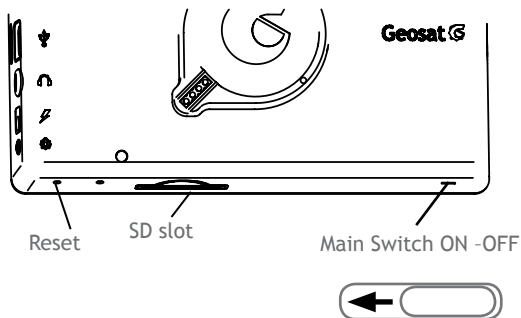


**ATTENTION: DO NOT** plug the AC/DC power supply cable to the serial port (upper socket): it may compromise the functioning of the GPS antenna.



**ATTENTION:**  
**DO NOT** plug the car charger in the audio output of the navigator!

## Trouble Shooting



cable provided.

**ATTENTION:** the only way to feed the navigator in the car is by plugging the car charger into the magnetic holder.

**DO NOT** plug the car charger in the audio output of the navigator!

### 6.2 The navigator won't turn on.

- Make sure that the Main Switch stands in the ON position, as described in the par IV.I and IV.II
- Make sure the navigator is correctly powered, as even if the navigator has a battery, it is sold with the battery in a discharged condition

**IN THE CAR:** the car charger must be plugged with one end in the car cigarette lighter and with the other end in the active holder.

If the navigator does not turn on, please make sure that the red led on the cigarette lighter plug is on. If it is not, then there may be a defect in your car cigarette lighter, or in the cable itself.

- If the red led on the cigarette lighter plug is on, but the navigator still does not turn on, Reset it. To reset, press with the point of a pen the Reset



hole.

**AT HOME:** the AC/DC power supply cable must be plugged in the power socket on the right side of the navigator.

Press the power key on the right side of the navigator. If the navigator still does not turn on, Reset it. To reset, press with the point of a pen the Reset hole.

- If the navigator won't turn on at this point, then contact the AvMap customer care

### **6.3 The navigator gives back this messages "Error during the route calculation"**

This message is displayed when the software cannot complete the route calculation for some reason. The most common causes are:

- The departure is set in a closed road or in a walkway.
- The destination is set in a closed road or in a walkway.

Check both departure and destination, correct them and try again.

### **6.4 The navigator does not receive the GPS signal, or the acquisition takes longer than expected**

- Make sure the navigator is correctly positioned in the suction cup holder, so that it can "see" the sky.
- Make sure there are not obstacles for the Gps reception. A GPS Fix cannot be reached in a closed building, in garages or in tunnels.
- If you are moving try to stop the car and wait for the navigator to get the signal. It is easier and faster to get a fix standing still. To check which satellites

## Trouble Shooting

are received, open the GPS status page (par. 2.12)

### **6.5 The battery life is too short**

You Geosat 6 may not have been charged long enough (4 hours are suggested for the first charge), or it may not have been correctly charged.

•How to power the device:

**IN THE CAR:** the car charger must be plugged with one end in the car cigarette lighter and with the other end in the active holder. The red led on the cigarette lighter plug must be on. The backlit AvMap logo should start flashing. Power on the navigator pressing the Power Key on the right side.

**AT HOME:** the AC/DC power supply cable must be plugged in the power socket on the right side of the navigator.

(par. IV.I). Power on the Navigator pressing the Power Key on the right side.

To be sure that the navigator is charging, check the battery status, in the lower right corner of the display, or opening the battery status menu (par. 2.12)

### **6.6 I have updated the software and some functions (such as the Bluetooth or the IPOD control) are no more available**

Please make sure you have selected the right product model when choosing for the software update, if not repeat the update (per. 20.1).

### **6.7 When powering on, the message 'Geosat6.exe exception' appears**

This means that the navigator has been switched off incorrectly. Press the Reset Hole with the point of a

pen to restart the device.

### **6.8 The navigator switches off suddenly.**

a. Check whether the navigator is powered correctly.  
(par. 6.1 and 6.2)

b. The navigator may be in stand-by because it has been set on medium or maximum level of Power Save. Check the settings:

1. From the main menu touch Settings
2. Touch user Preferences
3. Touch Power. Here you can set three different levels of Power Save: Off, medium or maximum. If you choose OFF, then the battery life will be shorter but you will be sure that the navigator never goes in stand-by, if you choose the Medium level, you will have a longer battery life. If you select Maximum, the battery life will be longer thanks to several tricks. For example when the navigator is

not powered the brightness is automatically reduced then after several minutes of inactivity the screen goes in stand-by.

Choose OFF and touch Accept. If after this operation the navigator continues to switch off suddenly, contact AvMap Customer Support.

### **6.9 The navigator freezes**

If the navigator freezer in a windows and won't exit neither it, nor switch off, then you need to Reset it. To reset, press with the point of a pen the Reset hole (the external one).

### **6.10 I have damaged the SD card**

Remember that only AvMap SD memory cards are compatible with AvMap navigators. No other memory can be used, so it is not possible to copy the content of an SD in another one, as every SD comes with a

## Trouble Shooting

unique SD ID which corresponds to a unique License for the utilization of software and maps.

So in case the SD has been damaged, please contact AvMap customer support to restore the content and get again the license, or to send the SD back for reparation

**6.11 When I switch on the navigator, the navigation function button (with the blue world) in the main menu does not light on, and stays grey.**

Check whether the SD is correctly inserted in its slot. Remember that only AvMap SD memory cards are compatible with AvMap navigators. No other SD card is compatible.

**6.12 The Geosat 6 Update application shows the message “Missing SD”**

a. Make sure that the Geosat 6 is correctly connected to the PC through the USB cable.

b. Make sure that the SD is correctly inserted in the navigator

c. If the navigator is correctly connected, and the SD is inserted, then the problem may be caused by a Windows error. Close the Geosat 6 Update application and restart it. Open the Geosat 6 Update only AFTER having connected Geosat 6 to the PC.

**6.13 (Only for Bluetooth models) When I try to connect Geosat 6 to my mobile phone through Bluetooth®, Geosat 6 does not detect my mobile phone**

Make sure that your mobile phone is equipped with Bluetooth®, and that it is enabled. Enable it and try again.

### **6.14 (Only for Bluetooth models) When I try to connect Geosat 6 to my mobile phone through Bluetooth®, Geosat 6 sees my mobile phone but it won't connect.**

To connect Geosat 6 with your mobile phone it is necessary to digit on your mobile phone the pairing authorization code. The request for the pairing authorization code is automatic and appears on your mobile phone's display.

- Make sure that you have selected the right mobile phone
- Then touch Connect
- Check your mobile phone for the pairing authorization code request
- Insert the code: 000

### **6.15 (Only for in-car integrated models) Geosat 6 won't communicate with the car sound system**

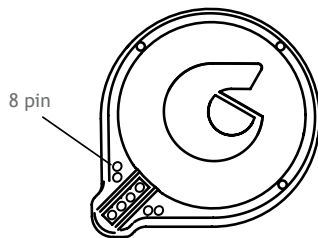
- First of all make sure that your navigator has 8 pins in the back (see picture); only these models can be powered through the magnetic holder and at the same time can communicate with the car's sound system.
- Make sure that the speakers are set on 'External':
  1. Open the navigation Menu
  2. Touch Settings
  3. Touch User Preferences
  4. Touch Voice Options, then touch the green arrows to open the second page
  5. Select External speakers
- Make sure also that the software is updated. (par.5)

## Trouble Shooting

- If the settings are right, then the problem may be caused by an incorrect installation of the holder in the dashboard. In this case please contact your t Dealer which will take care of the installation.

### **6.16 (Only for in-car integrated models) The iPod icon is grey and inactive**

The iPod control button, unlike the Bluetooth one, stays inactive until the iPod is connected to the car holder through the iPod cable provided. This behaviour is correct and it does not mean that the function is not available.



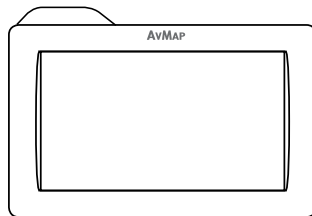
### **6.17 I cannot insert the SIM card in my Geosat 6 (Only for DVB-T TV models)**

Please check that you are inserting the SIM card in the right way: Insert the SIM card in the slot just below the SD, with the chip facing up, and the cut corner on the right. Push the Card until it gets blocked in the slot. It should not come out more than the edge of the navigator.

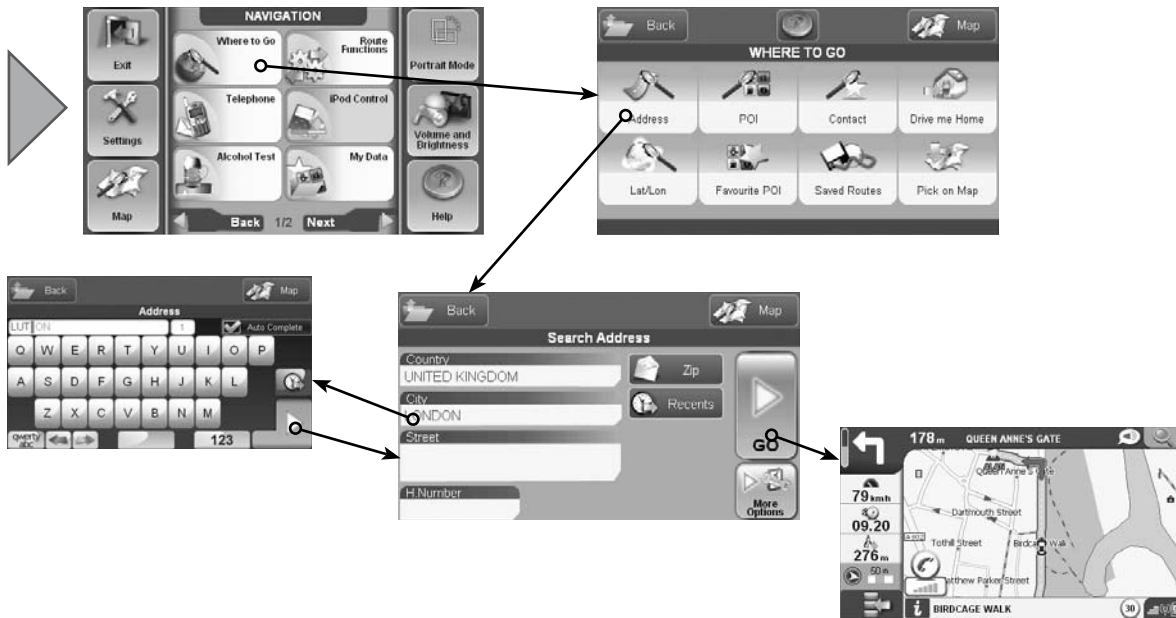
### 6.18 With which mobile phone carriers does Geosat 6's phone work? (only for GSM models)

Geosat 6 GSM models are compatible with GSM SIM cards. The SIM card can be of any carrier as long as it is a GSM type (not UMTS).

Geosat 6 is not compatible with UMTS SIM cards. It is suggested to request to your mobile phone operator for a GSM SIM "BIS" which means a twin of your card with the same telephone number, so you can keep one in your mobile phone and one in Geosat 6 in order to use it for hand free calls in your car.



## Appendix A – Setting the first destination: flux diagram































## Appendix B - Preloaded POI categories

### Car services



-  Car repair
-  Car dealer
-  Gas station
-  Parking Garage
-  Rent-a-car facility
-  Rent-a-car parking
-  Bovag garage
-  Vehicle equipment provider
-  Authorized car repair




### Transport

-  Airline access
-  Airport
-  Bovag garage
-  Bridge and tunnel
-  Entry point
-  Highway exit
-  Ferry terminal
-  Lighthouse
-  Main railway station

















-  Main railway station CLF
-  Military airport
-  Minor railway station
-  Minor railway station CLF
-  Park ride / facility
-  Motorway Parking area
-  Parking garage
-  Passenger / freight Airport
-  Petrol Station
-  Ramp
-  Rent a car facility
-  Rent a car parking
-  Motorway services
-  Truck Stop
-  Underground metro station
-  Underground metro Station CLF
-  Yacht basin

### Emergency

-  Emergency medical service
-  Fire station



















-  Hospital/polyclinic
-  Police station
-  State Police station

### Attractions

-  Abbey
-  Castle
-  Castle no Visit
-  Church
-  City centre
-  Construction
-  Fortress
-  Military cemetery
-  Monastery
-  Building
-  Monument
-  Public place
-  Scenic/panoramic view
-  Tourist attraction
-  View
-  Water mill

-  Windmill

### Entertainment

-  Amusement Park
-  Arts centre
-  Casino
-  Cinema
-  Concert Hall
-  Cultural place
-  Entertainment
-  Exhibition centre
-  Holiday Area
-  Leisure Centre
-  Library
-  Mini roundabout
-  Museum
-  Music Centre
-  Night Life
-  Opera
-  Recreational Area
-  Recreational terrain

 Theatre

 Zoo

## Food and Drinks

 Café/Pub

 Kiosk

 Restaurant

 Winery

## Government

 City Hall

 Courthouse

 Embassy

 Frontier crossing

 Government Building

 Government Office

 Prison

## Lodging

 Camping site

 Hotel/Motel

## Medical services

 Dentist

 Doctors

 Pharmacy

 Veterinarians

## Natural attractions

 Beach

 Land use

 Mountain pass

 Mountain peak

 Nature reserve

 Rocks

 Terrain

## Services

 Bank

 Car repair

 ATM

 Convention centre

 Elective district

 Factory ground

 Free port

 Industrial activity

 Post office

 Tourist Information


 University

 School

 WC

 Worship

## Shopping

 Car dealer

 Shop

 Shopping centre

 Vehicle equipment provider

## Sport facilities

 Golf course

 Car race track

 Horse track

 Ice skating rink

 Skating rink

 Sport hall

 Sports centre

 Stadium

 Swimming pool

 Tennis court

 Walking terrain

 Water sport

## Others User POI Unspecified

## Appendix C: Map Legend



### Highways and spur roads

Highways and spur roads are represented with double green lines with yellow contours in case they are toll-free or with red lines with yellow contours in case they are toll roads.



### Main roads

Main roads are represented with yellow lines. They can have one or more lanes. The width provides indications on the number of lanes and on the degree of importance. The blue arrows show the direction of one-ways.



### Secondary roads

Secondary roads are represented with white lines. They can have one or more lanes. The width provides indications on the number of lanes and on the degree of importance. The blue arrows show the direction of one-ways.



### Areas

Areas with different destinations are represented with different colours. Parks are represented in green, urban areas in yellow, extra-urban areas in pale grey, industrial areas in dark grey.



### Walkways

Walkways are represented with purple lines. The red icon with the white cross represents thoroughfare prohibitions.



### POI

The points of interests are represented with special icons that can be displayed or hidden.

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## Technical Specifications

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### Geosat 6 Basic model specifications

(common to all the models of the series)

**Product Code:** P1ME12.... / P1ME14.... / P1ME15....

**Model Name:** Geosat 6

- Dimensions (mm) 133 ,6 x 83,4 x 21
- Weight 270 g
- Touch screen LCD TFT 4.8", 16:9
- Built-in GPS receiver: high sensitivity 20 channels
- Processor 520 Mhz
- RAM 64 MB
- Built-in speaker
- PC USB interface

### Additional Functions (vs basic model) :

**Product Code:** P1ME24....

**Model Name:** Geosat 6 Drive Safe II

- Bluetooth
- Built-in Alcohol test (Breath Analyzer)
- iPod control software (function available if the navigator is used with car kits for the integration in the car dashboard, equipped with iPod input).

**Product Code:** P1ME510AAM

**Model Name:** Geosat 6 XTV

- Built-in Alcohol test (Breath Analyzer)
- Built-in GSM Phone
- Built-in Digital TV
- iPod control software (function available if the navigator is used with car kits for the integration in the car dashboard, equipped with iPod input).

**Product Code:** P1ME600....

**Model Name:** Geosat 6 TV

- Built-in GSM Phone
- Built-in Digital TV

### Citroën models

**Product Code:** P1ME25....

**Model Name:** Geosat 6 DeeJay

**Car models:** Citroën C1 DeeJay (Italy)

- Bluetooth
- iPod Control (connection through the dashboard Integrated holder to the iPod dock station)

**Product Code:** P1ME121DCI / P1ME120DCI

**Model Name:** Geosat 6

### **Car models: Citroën C1 (Holland)**

- Magnetic holder integrated in the dashboard

### **Peugeot models**

**Product Code: P1ME21....**

**Model Name: Geosat 6 In-car system**

**Car models: Peugeot 207 Energie**

- Bluetooth
- iPod Control (connection through the DIN Integrated holder)

**Product Code: P1ME24...**

**Model Name: Geosat 6 Drive Safe II**

**Car models: Peugeot 107 Sweet Years**

- Bluetooth
- Built-in Alcohol test (Breath Analyzer)
- iPod Control (connection through the dashboard Integrated holder)

**Product Code: P1ME40.... / P1ME50 .... / P1ME51...**

**Model Name: Geosat 6 Phone TV**

**Car models: Peugeot 207 Energie Sport**

- Built-in Alcohol test (Breath Analyzer)
- Built-in GSM Phone
- Built-in Digital TV

- iPod Control (connection through the DIN Integrated holder)
- OTG cable

**Product Code: P1ME27....**

**Model Name: Geosat 6 Bluetooth**

**Car models: Peugeot 107 (Netherlands)**

- Bluetooth
- iPod Control

### **Farmnavigator Models**

**Product Code: P1ME26...**

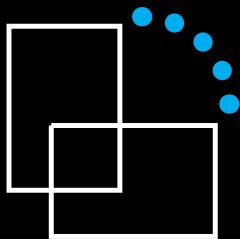
**Model Name: G6 Farmnavigator**

- Bluetooth
- Built-in Alcohol test
- Farmnavigator software

**Product Code: P1ME52....**

**Model Name: G6 Connect Farmnavigator**

- Built-in Alcohol test
- Built-in GSM Phone
- Built-in Digital TV
- Farmnavigator software



[www.geosat6.com](http://www.geosat6.com)

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