



# SAPPHIRE

## PLUS S320

 **User manual**



 **SNOOPER**



## Introduction

Congratulations on buying the Sapphire Plus Portable Navigator and Fixed Speed Camera location system.

This user manual aims to provide you with installation and operating instructions for the Sapphire Plus.

The Sapphire Plus utilises the very latest Global Positioning Satellite (GPS) technology to provide you with accurate street level navigation via clear and precise voice prompts as well as alerting you to potentially hazardous stretches of road, accident black spots and fixed police speed cameras.

The most accurate digital mapping available is provided by **NAVTEQ** whilst the geographical coordinates of all 'fixed' speed monitoring systems and many officially designated accident 'hotspots' have been stored on a database provided by AURA™. The AURA™ Database is the most comprehensive available, providing cover, not only in the UK and Ireland, but throughout Western Europe as well. The database is constantly monitored and updated by the AURA™ data collection team, ensuring that you are alerted to every potentially hazardous stretch of road and all fixed speed cameras.

The Sapphire Plus comes with a Micro SD Card that contains the UK & Ireland navigation software. The SD Card can be activated in seconds by inserting the card into the micro SD slot. When necessary, upgrades to this mapping data will be made available for you once every twelve months.



As the AURA™ camera database changes daily, regular updates to your Sapphire Plus are required. The Sapphire Plus connects quickly and easily to your PC so that you can download the database in a matter of minutes (internet connection required). Please note: In order for the software to be installed successfully, there are certain minimum hardware and software requirements needed; see the section 'System Requirements & Downloading' later in this manual.

Once the database has been downloaded your Sapphire Plus compares your position using its built-in GPS antenna, with the position of every known 'fixed' speed monitoring system and accident 'hotspot' alerting you both audibly and visually with voice alerts and full colour graphics on the units LCD screen ensuring your highest concentration at all times.

Please note that AURA™ updates are subject to a subscription charge. Please refer to the subscription and download section of this manual for further details or visit [www.snooperneo.co.uk](http://www.snooperneo.co.uk)

### Drive Safely with Snooper!

The Sapphire Plus's camera location technology has been designed and manufactured to help enhance road safety and is in no way a licence to speed nor has it been designed as a substitute for concentration. Driving within the speed limit, whilst carefully observing current road conditions is essential.



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# Registering Sapphire Plus

## IMPORTANT! PLEASE READ BEFORE USING Sapphire Plus

You must first register your Sapphire Plus before you can perform a download of the AURA™ database to your Sapphire Plus.

### Register Online

Go to the official Snooper website [www.snooperneo.co.uk](http://www.snooperneo.co.uk) and register your unit online. Your unit should normally be activated within 30 minutes of registration.

**Please Note:** To register your Sapphire Plus you will need the serial number of your unit and you are required to select a payment method at the time of registration. Automated payments can be made using most credit or debit cards.

**Monthly - Only £2.99 inc vat**

**Quarterly - Only £7.99 inc vat**


**Annually - Only £29.99 inc vat**

Minimum subscription period 12 months.

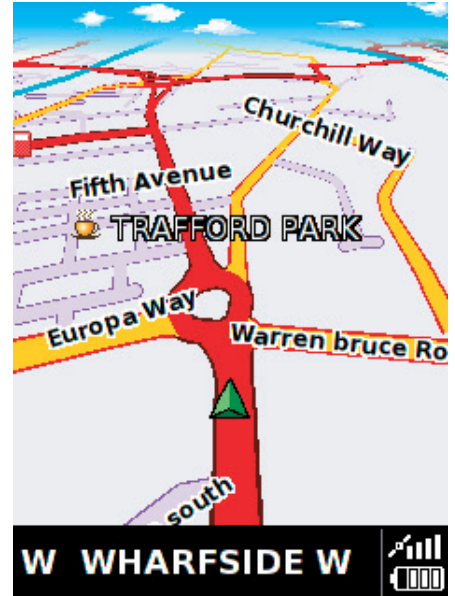
**Note:** This is only applicable to the original registrant of the unit and is non transferable.

## Quick Start Guide to Navigation

1. Take your Sapphire Plus outside so that the GPS receiver can locate your position. This may take between 15 - 50 minutes the first time. When satellite lock is achieved, the screen will display your current position on its map in a '3D' navigation view.

Your position (and direction) is indicated by the  icon.

*Tip: To reduce the 'cold start' GPS time remain stationary*



2. Bring up the main navigation menu by tapping the centre of the screen.

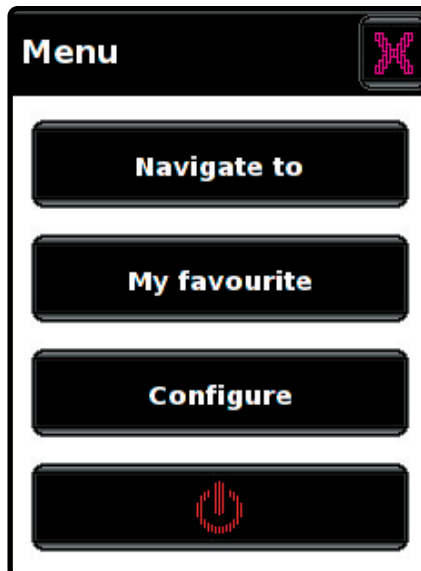
3. Select



4. Select



*Tip: The ▲ and ▼ arrows mean that there are more options to see on the screen*

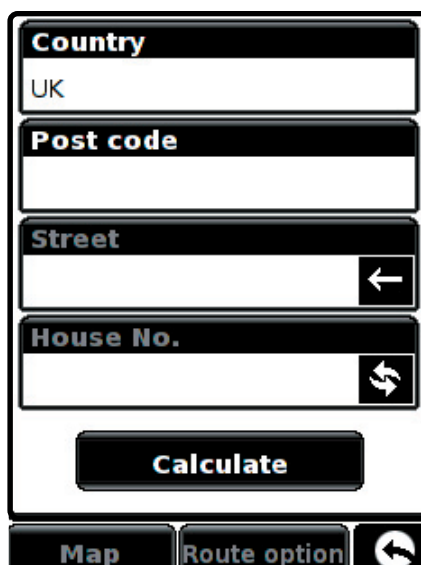


5. The following screen will be displayed.

6. If you have the European version of the Sapphire Plus you will need to select the



first BEFORE typing the postcode. (If the correct country is already displayed, go to the next step). Use the arrow keys on the right of the display to scroll up and down the country options. Select the country with your finger.



8. You will see a standard browser screen, used for entering postcodes.

Enter the full UK postcode using the keyboard and press

**OK**

**IMPORTANT:** Use the  key to separate the two segments of the postcode.

**Tip:** For a more accurate navigation, you can enter a House number by pressing

House No. 

**Calculate**

9. Press **Calculate** and the Sapphire Plus will calculate the fastest route from your current position to your destination. This should only take a few seconds and a progress bar is displayed on the screen.



Post code

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z	1	2	3	4
5	6	7	8	9	0
					↩
					OK
					↻

10. A journey summary screen will then be displayed

Final Destination

Estimated arrival Time

Your current location

Distance to destination

Estimated journey time

**Information of destination**

📍 **BURN VIEW**

🕒 **14:41 PM**

📍 **Start: M56**


📏 **Distance: 290 Miles**

🕒 **Estimated Time: 04:36**

**GO** **Map**

**Simulation**

**Route option**

**Guide** 

**Tip:** The default route option is set to Quickest Route. To change the route options refer to section 6 in this user manual.

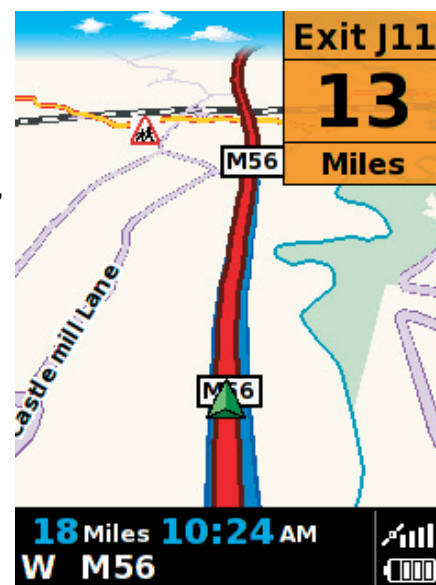
Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.

11. Press

**GO**

The navigation view will now be displayed, but with the route now highlighted for you. As you approach a specific turn in the calculated route, the Sapphire Plus will advise you what to do. For example, "After 200 yards, turn left", followed by "Now turn left". As you proceed along your journey, following the voice instructions, you will notice that the navigation view is updated constantly, always showing approaching roads and junctions and presenting the best route to you.

**Tip:** If you miss a turn or drive down a wrong road, a new fastest route will be calculated automatically, based on your new position and direction of travel, a tone will be heard to confirm re-routing. The Sapphire Plus will always give you clear instructions that will take you to your chosen destination.



# Start Up – Installing the SD Card

Before using your Sapphire Plus, you will need to install the micro SD Card included with the device. The micro SD Card comes complete with a digital map of the UK and Ireland or Western Europe depending on the model purchased and is also where the AURA™ camera database is stored if you choose to subscribe and download it.

Remove the micro SD card from its packaging and insert it into the micro SD Card slot. Finally switch on the device by pressing and holding the standby power button for 2 seconds. As soon as the device is switched on, the Sapphire Plus will automatically synchronise with the micro SD Card. Once the synchronisation is completed, the micro SD Card will not function with any other device. Your Sapphire Plus is now ready to navigate and the camera database can be downloaded if necessary

**Please note that if the unit does not activate when you press and hold the standby power button for 2 seconds it may require charging. Refer to the section on 'Power Connection and Charging' later in this manual.**

## System Requirements and Downloading

Before you can begin to download the database onto your Sapphire Plus, you will need to install the Sapphire Plus Updater software provided on the CD ROM.

In order for the software to be installed successfully, there are certain minimum hardware and software requirements needed.

### Hardware Requirements

The computer must have an Intel Pentium Class processor or equivalent, a minimum of 32MB of RAM, a monitor with 256 (8 bit) colours or greater, a CD ROM drive, 20MB of free disc space and a spare USB connection.

### Software Requirements

The software will only operate on the following Windows based operating systems: **Windows 2000, Windows XP or Windows Vista** and will only work with Internet Explorer 6 or Netscape Navigator 6 or above.

**NOTE:** The Sapphire Plus Updater software does not support Windows 95, 98 or Apple Macintosh operating systems.


### Software Installation Instructions

Place the Software CD into the CD ROM or DVD drive. Your PC should automatically open a window displaying the instructions for installing the software. Follow the instructions onscreen to install the download software

To launch the CD manually: Click on **Start** and then **Run**. In the dialogue box that opens click on **Browse** – another dialogue box will open. Locate your CD ROM or DVD drive (drive letter is normally D) using the 'Look in' option and select 'Menu' from the lower portion of the dialogue box. Once you have selected 'Menu' click on **Open** on the explorer box and then **OK** on the **Run** dialogue box.

Please make sure that the operating system installs the new hardware first before installing the Sapphire Plus Updater software. Once the 'Sapphire Plus Updater' software has been installed click 'Finish' and then close the CD auto run window. After installing the software, please re-boot your PC.

Any later software updates or packages can be obtained from [www.snooperneo.co.uk](http://www.snooperneo.co.uk). If you have any problems using this software please call 0870 787 0700 during office hours and select Option 3.


Once the software is installed you are ready to download the database onto your Sapphire Plus. Double left click the 'Sapphire Plus'  icon, which can be located on your desktop.

When the Sapphire Plus Updater program is run for the first time you will be asked to select your language and then to select the camera data that you wish to download. Select the data you would like and then click 'OK'. The software is now ready for use.

# Downloading the AURA™ Camera Database

**Please Note: You must register your Sapphire Plus before you can perform a download.**

Performing a download is simple.

1. Switch on the Sapphire Plus by pressing and holding the power button for 2 seconds.
2. Connect the computer to the Internet.
3. Double left click the 'Sapphire Plus' icon  located on your desktop.
4. Left click 'Menu' and then left click 'Download Settings'.\*
5. Select the files you wish to download (UK Cameras is selected by default). Once you have selected the files you wish to download left click the 'OK' button.\*
6. Connect one end of the USB lead to your computer and plug the other end of the lead into the Sapphire Plus in the socket marked USB on the underside of the unit.
7. On the screen of the Sapphire Plus select 'Micro-SD' in the bottom right hand corner of the display and wait for the serial number to be displayed on the software.
8. When prompted, click 'Go' to start the download. The Sapphire Plus software will then start to download the database files that you have selected onto your unit. The download process is as follows:
  - The software will connect to our database server and download\*\* the database.
  - Once the data has been downloaded, the Sapphire Plus will then save the data received.
  - The software will indicate that the download is complete and will instruct you to disconnect the Sapphire Plus from your PC.

\*You only need to do these steps if you wish to change the data that is downloaded onto the Sapphire Plus. If you want the download settings to be the same as the previous download ignore these two steps.

\*\*If you have a Firewall on your computer, the Firewall software may inform you that the Sapphire Plus Updater software is trying to access the internet. Please make sure that you grant/allow/permit access to the Sapphire Plus Updater program through the Firewall.


Please read the messages supplied by your Firewall software carefully before choosing your option. If you do not allow the program to access the internet through the Firewall, the download process will fail. Please note: Windows XP SP2 and Windows Vista come with a built-in firewall as standard.


# Operating Instructions

## 1. Starting Up

Once you have synchronised the micro SD Card and performed a download as necessary it is time to perform the first Start Up. First make sure your vehicle is parked in as open a space as possible, clear of tall trees and buildings so that the built in GPS antenna has a clear view of the sky above. Next switch the unit on by pressing and holding the standby power switch on the top of the unit for 2 seconds.

The unit will then start up and the following warning will be displayed.

Please read the warning and press  to continue.

The Sapphire Plus needs to acquire a minimum of four satellites in order to work. Once this has been achieved the Sapphire Plus will ascertain your position and this will be indicated by a green arrow icon on the on-screen map and the GPS signal strength  will be shown in the bottom right hand corner of the display. The Sapphire Plus is now ready to navigate.

### Information

Please do not operate the controls of Sapphire Plus whilst driving. Doing so could endanger yourself, your passengers and other road users.

Register and perform regular downloads of our latest Speed Camera database to get the best performance from Sapphire Plus.



**As the GPS engine and antenna have never been used before, the first 'Cold' start can take anywhere from 15 – 50 minutes to establish a satellite connection. Once initialised, subsequent start ups will take less time and eventually should take only a matter of minutes.**


## 2 Easy Set Up


### 2.1 Main Menu

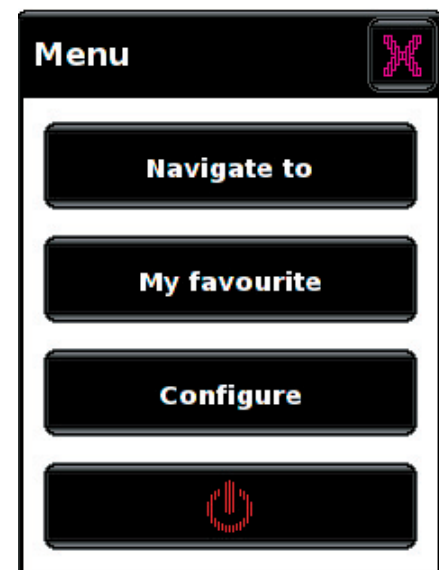
When you wish to input a destination or configure your Sapphire Plus press the centre of display and you will see the main menu.

There are four buttons to choose from:

- **Navigate to** – this allows access to a sub menu for inputting and calculating your destinations.
- **My favourite** – this allows access to a sub menu for adding and editing your own stored or personalised routes.
- **Configure** – this allows access to a sub menu to alter the units settings and to personalise your unit. (Note: the Golf function is available within this sub menu)
- **Exit Navigation** – this button will allow you to exit the navigation program and have access to the other features on the unit.

To exit the main menu press the  button.

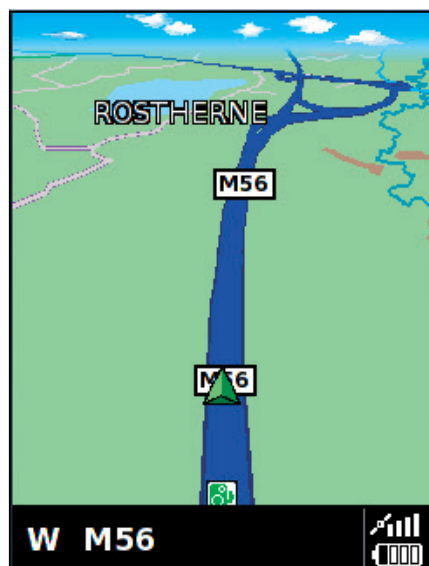
To return to the main menu from a sub menu press the  button.



**Please refer to the relevant sections in this user manual for more information regarding the features described in this section.**

## 2.2 Screen settings

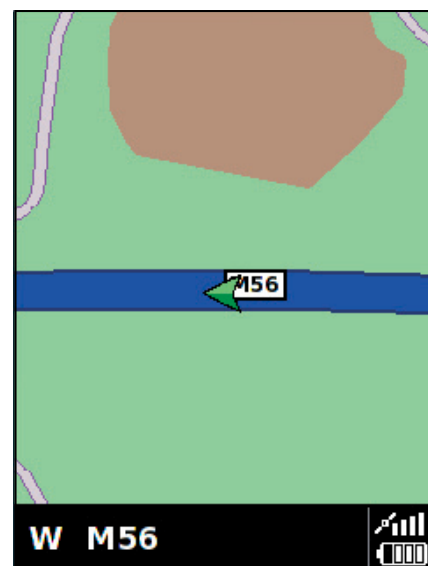
There are a number of map views or different types of information that can be displayed on the screen at any one time:-



3D



2D



North

- Distance to destination

**89 MILES**

- Estimated journey time between the two.

**10:33 LEFT**

or Estimated time of arrival

**20:33 PM**

- press to switch

- GPS Signal strength

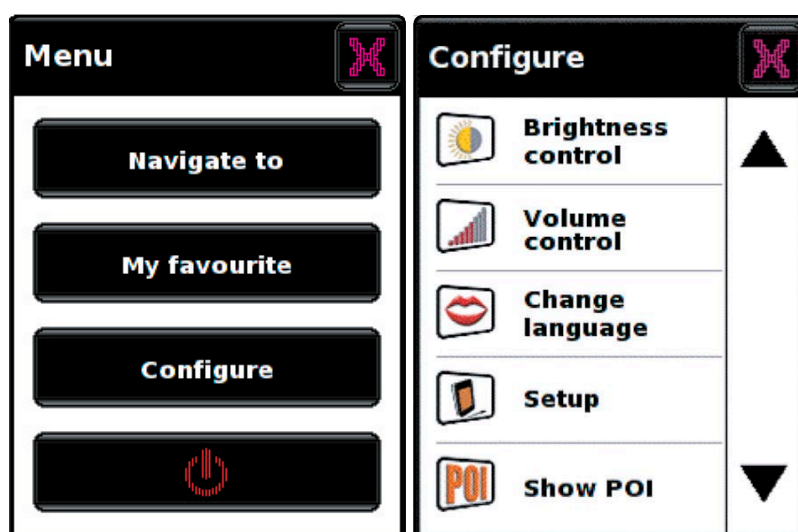



- Battery status



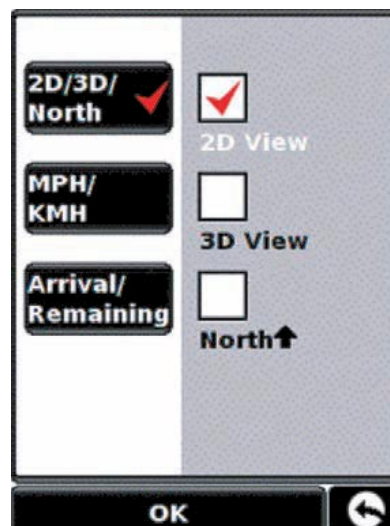
To modify the information shown:

- Access the Menu by simply touching the Sapphire Plus in the centre of the screen.
- Press the **Configure** button.
- Press the **Setup** icon where you will see the list of options below.



- Select the option you wish to change on the left.
- To change a setting, simply press on the tick box to indicate which option you would like to choose.
- Continue to select each option and select your preference.
- Press  at the bottom of the screen to save your preferences.



Your chosen settings will now be saved and will appear on the screen each time you use your Sapphire. If you want to switch between the Estimated Time of Arrival and Time to Destination during your journey simply touch the screen where the information is displayed and the unit will display the alternate setting and vice versa. However each time you power the device up the original setting will be displayed.




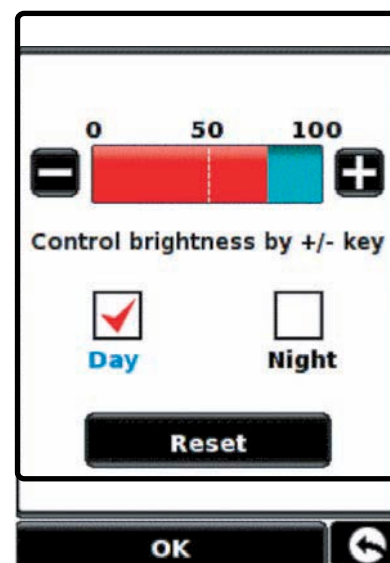
## 2.3 **Brightness control**


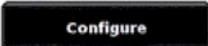
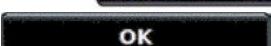
The Sapphire Plus enables you to adjust the brightness of the display and save two brightness settings: one for driving during the day and one for driving at night. To adjust the brightness setting:

- Press the centre of the display to enter the 'Menu'.
- Press the  button.
- Press the  **Brightness control** icon.

To set the daytime brightness select **Day** by checking the tick box with your finger and then using the  and  buttons to adjust the setting.





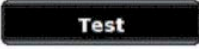


To set the **Night** setting, simply check the tick box with your finger and follow the same procedure. Once you have selected the desired brightness setting press the  button at the bottom of the screen.

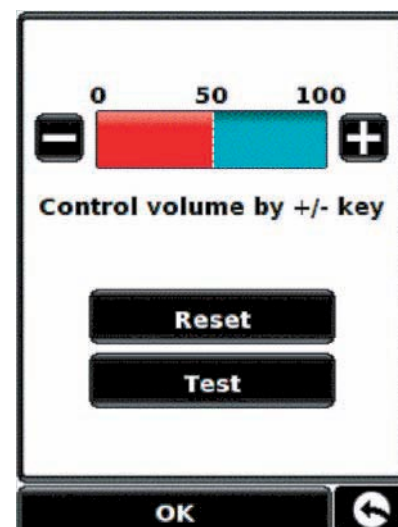



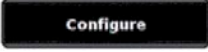

**Note:** The  icon in the bottom right hand corner of the display will return you to the  menu if pressed but will not store any changes you have made. You need to select the  button in order to save your changes.

## 2.4 Volume control

The Sapphire Plus volume can be adjusted using this function within the 'Configure' menu. To adjust the volume:

- Press the centre of the screen to access the 'Menu'.
- Press  .
- Press the  **Volume control** icon.
- To increase the volume, press the  icon.
- To decrease the volume, press the  icon.
- To test the volume before saving, press the  icon.
- To reset the volume to the factory default, press the  icon.
- Press  at the bottom of the screen to save your setting.






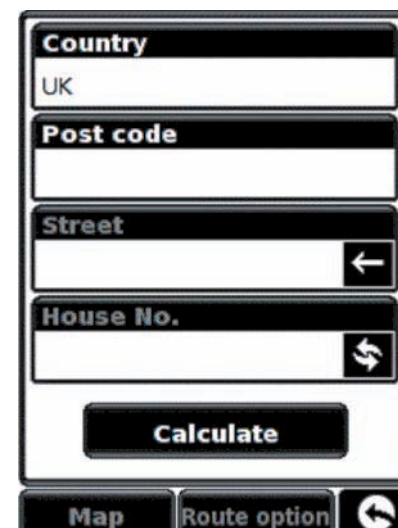
**Note:** The  icon in the bottom right hand corner of the display will return you to the  menu if pressed but will not store any changes you have made. You need to select the  button in order to save your changes.

## 3 Planning a route

There are several ways to plan a route on the Sapphire Plus.

### 3.1 Find by post code


- Press the centre of the screen to access the Menu.
- Press  .
- Press  **Find by post code**
- If you have the European version of the Sapphire Plus, you will need to select the  first BEFORE typing the postcode. (If the correct country is already displayed, go to the next step).



Use the arrow keys on the right of the display to scroll up and down the country options. Select the country with your finger.

- Press  .

Enter the full postcode using the onscreen keyboard.

**Please Note:** The  button on the keyboard is the 'Space' key. A space between the two parts of the postcode **MUST** be entered in order for the postcode to be recognised.



- Press the  button on the keyboard.

If the following message is displayed

**Information**  
Please, input  
correct post code.  
**OK**

the postcode has been entered incorrectly. Press **OK** and retype the postcode.

- The Sapphire Plus will display a screen showing the postcode and the street name.

- If you know the house/property number of your destination, press the 

**House No.**

 button to enter it.

- Once you have entered the house number press the **OK** button.

Alternatively, if you do not have a house or building number, you can navigate to a point where two roads meet instead.

- Press the 

**Intersection**

 button and select the road.
- Press the **Calculate** button.

Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

**Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**

**Information of destination**  
**BURN VIEW**  
**14:41 PM**  
Start: **M56**  
Distance: **290** Miles  
Estimated Time: **04:36**  
**GO** **Map**  
**Simulation**  
**Route option**  
**Guide**

#### User advice

By subscribing to and downloading the AURA™ Speed Camera database you will automatically be alerted to all 'Fixed' Speed Cameras and other Accident Hotspots during your journey ensuring that you are always aware of the correct speed limit whilst travelling along any particularly hazardous stretches of road.



### 3.2



**Find by  
city**

If you do not know the postcode but have the street name and the town or city that you would like to navigate to, then select this option.

- Press the centre of the screen to access the menu.

- Press **Navigate to**

- Press the **Find by city** icon.

- If you have the European version of the Sapphire Plus, you will need to select the 


**Country**  
UK

 first BEFORE typing the postcode. (If the correct country is already displayed, go to the next step).

Use the arrow keys on the right of the display to scroll up and down the country options. Select the country with your finger.

**Country**  
IRELAND  
UK  
Country selection screen with up and down arrow keys.


**Country**  
**City**  
**Street**  
**House No.**  
**Calculate**  
**Map** **Route option**

- Next press  and enter the city name using the keyboard displayed.


As you begin to input the city name, the Sapphire Plus will automatically prompt you with a list of possible matches. If you can see the name of the destination you are searching for in the lower window, you can select it easily by pressing that name with your finger.


If you wish to view the list of possible destinations in full press the down arrow to the top right hand corner of the display and a list of cities will be displayed then select your destination by touching on it. Use the arrow keys on the right hand side of the display to scroll through the list.

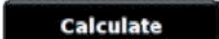
Press the  button to return to the keyboard.

- Press  and use the keyboard displayed to type in the street name.

As you begin to input the road or street name, the Sapphire Plus will automatically prompt you with a list of possible matches similar to when searching for 'City' described above. When you see the road you require select it by pressing it with your finger.

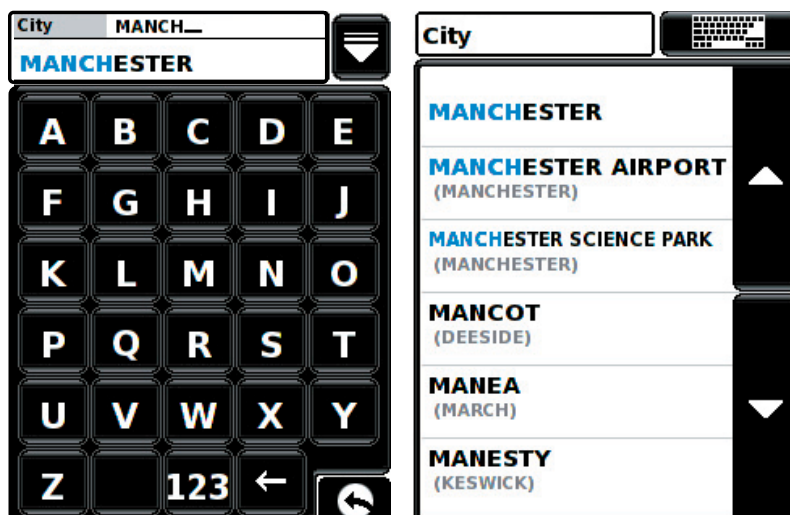
- If you wish, you can enter the property number by pressing  and then typing the house number on the keyboard.

Once the house number has been selected, press the  button.

- Press the  button.

Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

**Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**



### 3.3 Home

You can navigate easily and quickly from a previous journey or destination to your home, by personalising your Sapphire Plus so that a route can be calculated by pressing just a few buttons.

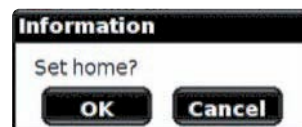
#### 3.3.1 Setting the 'Home' Destination

- Press the centre of the display to access the menu.

- Press 

- Press the  **Home** icon.

The first time the  **Home** function is used an information screen is displayed




Press  in the information window to continue, press  to exit. If 'Home' has already been set it can be edited in My Favourites – refer to section 4.4 on page 32.

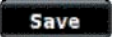
You can search for your address by using one of the following options:

For using  or  please refer to sections 3.1 and 3.2 on how to use these functions.

Once you have entered the home destination, a new field is available for you to create a  for the destination.

- Press  and a keyboard will be displayed with the road name you selected.
- Press the  key to erase this data then input the new name using the keyboard.

**Please note: You can enter a new name for the home destination using up to a maximum of sixteen characters.**

- Press  once you have entered the name.

Once your home address has been saved, your Sapphire Plus will be able to calculate a route to this address.



#### 3.3.2 Using the 'Home' Function

To calculate a route:

- Press the centre of the display to access the menu.
- Press 
- Press the  **Home** icon.

The Sapphire Plus will display details of the destination and offer a 'Go' button and a 'Route Option' button. Press 'Go' to begin your journey.



**Note: You can also change the home destination and delete the home destination from this screen.**

## 3.4 Office


You can navigate easily and quickly from a previous journey or destination to your Office, by personalising your Sapphire Plus so that a route can be calculated by pressing just a few buttons.

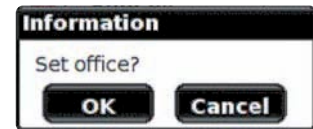
### 3.4.1 Setting the 'Office' Destination

- Press the centre of the display to access the menu.

- Press 

- Press the  **Office** icon.


The first time the  **Office** function is used an information screen is displayed





Press  in the information window to continue, press  to exit. If 'Office' has already been set it can be edited in My Favourites – refer to section 4.5 on page 33.

You can search for your address by using one of the following options:

For using  or  please refer to sections 3.1 and 3.2 on how to use these functions.

Once you have entered the Office destination, a new field is available for you to create a  for the destination.

- Press  and a keyboard will be displayed with the road name you selected.
- Press the  key to erase this data then input the new name using the keyboard.

**Please note: You can enter a new name for the Office destination using up to a maximum of sixteen characters.**

- Press  once you have entered the name.

Once your Office address has been saved, your Sapphire Plus will be able to calculate a route to this address.



### 3.4.2 Using the 'Office' Function

To calculate a route:

- Press the centre of the display to access the menu.

- Press 

- Press the  **Office** icon.

The Sapphire Plus will display details of the destination and offer a 'Go' button and a 'Route Option' button. Press 'Go' to begin your journey.



**Note: You can also change the Office destination and delete the Office destination from this screen.**

### 3.5 **Recent route** or **Clear route**

The Sapphire Plus automatically stores the last route that has been calculated, so that if you wish to return to that address you do not have to re-input all the details again.

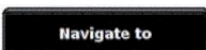

To use this function:

- Press the centre of the display to access the menu.
- Press 
- Press the  **Recent route** icon.



The Sapphire Plus will now calculate the route to your selected location.

Once a route has been calculated, the  **Recent route** icon is replaced with a  **Clear route** icon.

To cancel a route that you have calculated:

- Press the centre of the display to access the menu.
- Press 
- Press the  **Clear route** icon and then press 'OK' on the information box displayed

The route will then automatically be deleted.

**Please Note:** For the  **Clear route** feature to operate you will need to have entered and calculated a route.  
If the  **Recent route** icon is displayed a route has NOT been entered.

**Press  to scroll to the next screen**

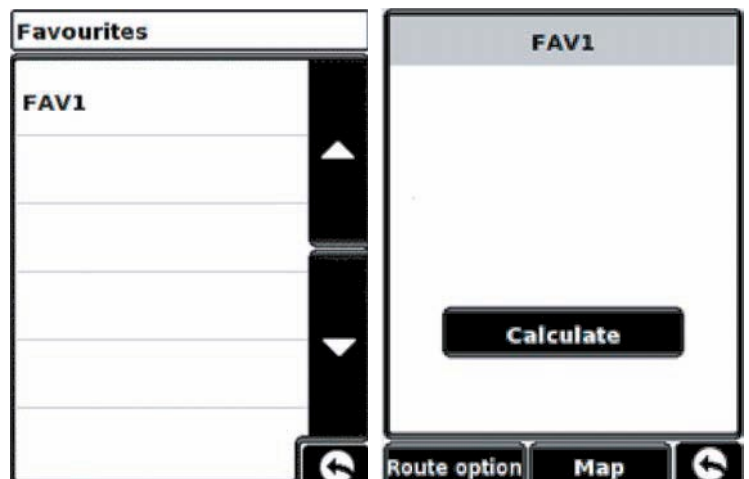
### 3.6 **Find by favourites**

The Sapphire Plus has the capacity to store up to 100 user locations. To add your favourite locations see section 4.1 on page 29.

To navigate to one of your stored locations:

- Press the centre of the display to access the menu.
- Press 
- Press 
- Press the  **Find by favourites** icon.
- Select the favourite you wish to navigate to from the list provided.

The information about your chosen favourite is displayed.



- To start the journey press 'Calculate'
- To change the route parameters press 'Route Option' (see Route Options on page 43 for specific instructions).
- To view the location of the favourite, press 'Map'.
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.

Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the




journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

**Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**

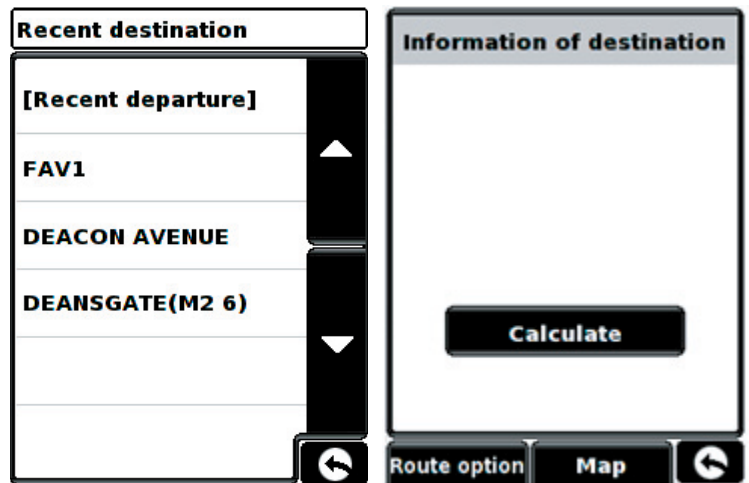
### 3.7 Recent route

The Sapphire Plus is capable of storing the last 32 routes that have been calculated, so that if you wish to return to an address you do not have to re-input the details again.

To calculate a route using this function:

- Press the centre of the display to access the menu.
- Press 
- Press 
- Press the  **Recent route** icon.
- Select the recent route you wish to navigate to from the list provided\*.

\*A list of your most recent routes will be shown in chronological order. Use the arrows on the right hand side of the display to scroll up and down through the list and select the destination you would like.



- To start the journey press 'Calculate'
- To change the route parameters press 'Route Option' (see Route Options on page 43 for specific instructions).
- To view the location of the recent destination, press 'Map'.
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.

Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

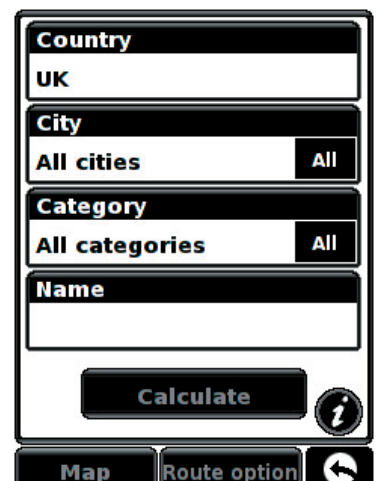
**Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**

### 3.8 Find by POI (Points of Interest)

If you would like to calculate a route to a hotel, airport, restaurant or even a golf course the Sapphire Plus can calculate a route using its extensive database of POI's (Points of Interest).

To navigate using this database:

- Press the centre of the display to access the menu.
- Press 
- Press 



- Press the  **Find by POI** icon.

- Press 'Country' and select 'UK'. (If 'UK' is already displayed, go to the next step). Use the arrow keys on the right to scroll up and down the country options.

- Next press 'City' and enter the city name using the keyboard displayed.


As you begin to input the city name, the Sapphire Plus will automatically prompt you with a list of possible matches. If you can see the name of the destination you are searching for in the lower window, you can select it easily by pressing that name with your finger. If you wish to view the list of possible destinations in full press the down arrow to the top right hand corner of the display and a list of cities will be displayed then select your destination by touching on it. Use the arrow keys on the right hand side of the display to scroll through the list.

Press the  button to return to the keyboard.

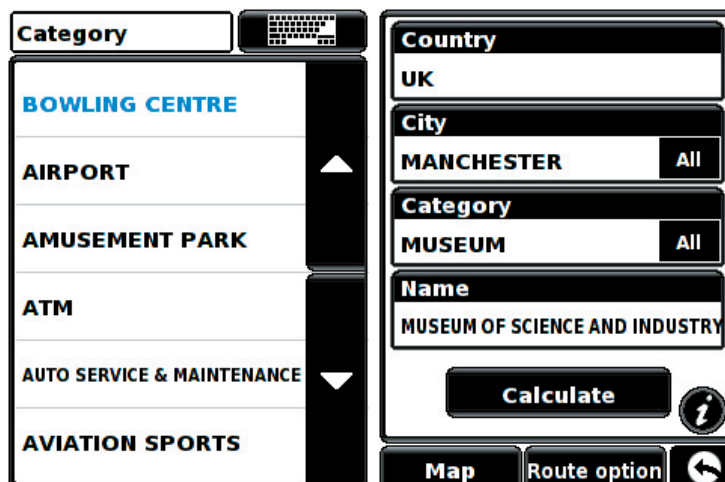
- Press  and enter the category type using the keyboard displayed.




If you do not know which category to type you can press the down arrow to the right of the lower window and all the category types will be displayed in alphabetical order. Use the arrows to the right of the display to scroll up and down through the category options. Once you find the category you are looking for select it with your finger.

- Press  If the name of your POI is displayed in the lower window select it with your finger. Alternatively you can start typing the name to narrow the options and then select it.

All the fields are now filled in for your chosen POI.



- To start the journey press 'Calculate'
- To view the location of the POI, press 'Map'.
- To change the route parameters press 'Route Option' (see Route Options on page 43 for specific instructions).
- Press  to see more details about the POI.
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.

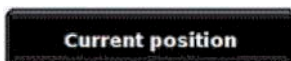
Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

**Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**

## 3.9 Find by nearest POI

This function will help you to find the nearest POI from either your 'Current Position' or a 'Different Position' within a certain radius which can be specified up to a maximum of 60 miles.


### 3.9.1 To navigate using the



- Press the centre of the display to access the menu.

- Press 

- Press 

- Press the  **Find by nearest POI** icon.

- Select 

- Select the maximum radius you wish the unit to search for (the default setting is 30 miles) and then press 'OK'


Select radius

☐ 10 Miles  
☐ 20 Miles  
☒ 30 Miles  
☐ 40 Miles  
☐ 50 Miles  
☐ 60 Miles

OK

- Enter the category type using the keyboard displayed.

If you do not know which category to type, you can press the down arrow in the top right hand corner of the window and all the category types will be displayed in alphabetical order. Use the arrows to the right of the display to scroll up and down through the category options. Once you find the category you are looking for select it with your finger.

Press the  button to return to the keyboard.

A list of POI's within the specified radius and category will be displayed. Use the arrows to the right hand side of the screen to scroll up and down through the options. When you find the POI that you are looking for, select it with your finger

- To start the journey press 'Calculate'
- To view the location of the POI, press 'Map'.
- To change the route parameters press 'Route Option' (see Route Options on page 43 for specific instructions).
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.

Category —

MUSEUM

A B C D E

F G H I J

K L M N O

P Q R S T

U V W X Y

Z 123 ←

MUSEUM

HIGHER EDUCATION

BOWLING CENTRE

AIRPORT

AMUSEMENT PARK

ATM

MUSEUM

GALLERY OF COSTUME [ 2mile ] WILMSLOW ROAD, RU

PORTLAND BASIN MUSEUM [ 2mile ] PORTLAND PLACE, AS

PANKHURST CENTRE [ 3mile ] NELSON STREET, MAN

WHITWORTH ART GALLERY [ 3mile ] OXFORD ROAD, LONG

STOCKPORT MUSEUM [ 3mile ] TURNCROFT LANE, ST

ABBEY FINE ARTS [ 3mile ] MARKET STREET, HYD

MUSEUM OF SCIENCE AND INDUSTRY

LOWER BYROM STREET

MANCHESTER, M3 4

ENGLAND

+44 (0)161-8322244

Calculate

Route option

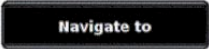



Map

Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

**Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**

### 3.9.2 To navigate using a

#### Different position


- Press the centre of the display to access the menu.
- Press 
- Press 
- Press the  **Find by nearest POI** icon.
- Select 
- Press 'Country' and select 'UK'. (If 'UK' is already displayed, go to the next step). Use the arrow keys on the right to scroll up and down the country options.

- Next press  and enter the city name using the keyboard displayed.

As you begin to input the city name, the Sapphire Plus will automatically prompt you with a list of possible matches. If you can see the name of the destination you are searching for in the lower window, you can select it easily by pressing that name with your finger.

If you wish to view the list of possible destinations in full press the down arrow to the top right hand corner of the display and a list of cities will be displayed then select your destination by touching on it. Use the arrow keys on the right hand side of the display to scroll through the list.


Press the  button to return to the keyboard.

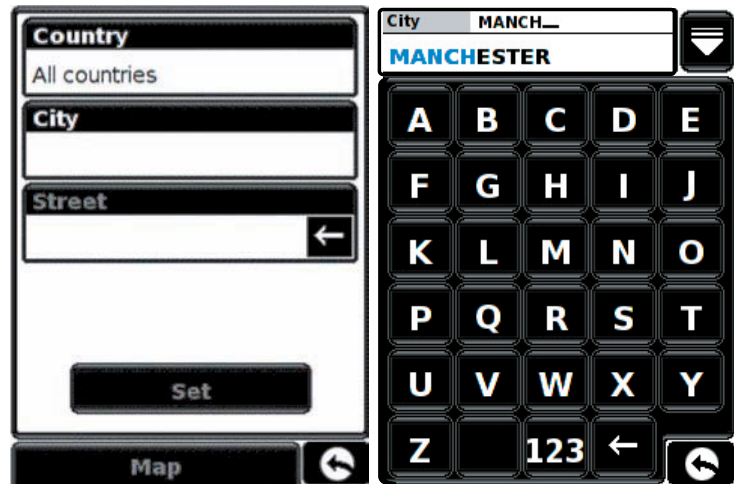
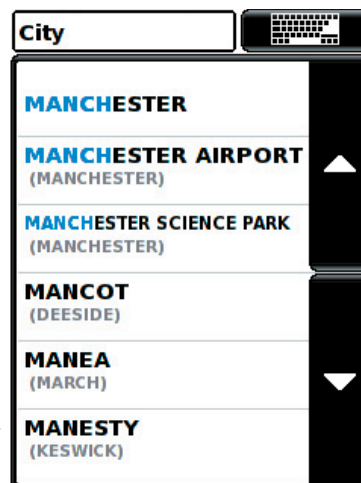
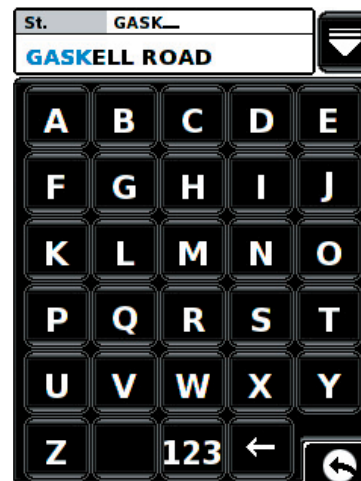
- Press  and use the keyboard displayed to type in the street name.

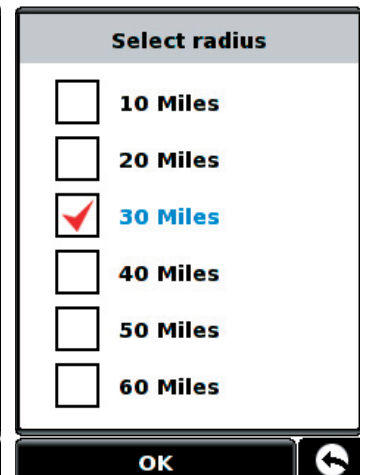
As you begin to input the road or street name, the Sapphire Plus will automatically prompt you with a list of possible matches similar to when searching for 'City' described above. When you see the road you require select it by pressing it with your finger.


Press the  button to return to the keyboard.

Once all fields have been completed you can view the new position by pressing 'Map' at the bottom of the screen.

- Press 
- Select the maximum radius you wish the unit to search for (the default setting is 30 miles) and then press 'OK'

- Press  and enter the category type using the keyboard displayed.
- Enter the category type using the keyboard displayed.

If you do not know which category to type, you can press the down arrow in the top right hand corner of the window and all the category types will be displayed in alphabetical order. Use the arrows to the right of the display to scroll up and down through the category options. Once you find the category you are looking for select it with your finger.

Press the  button to return to the keyboard.

A list of POI's within the specified radius and category will be displayed. Use the arrows to the right hand side of the screen to scroll up and down through the options. When you find the POI that you are looking for, select it with your finger

- To start the journey press 'Calculate'
- To view the location of the POI, press 'Map'.
- To change the route parameters press 'Route Option' (see Route Options on page 43 for specific instructions).
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.




Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

**Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**



### 3.10 Find by map

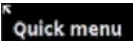

This function allows you to select a destination by simply selecting any road on any area of the map stored within your unit.

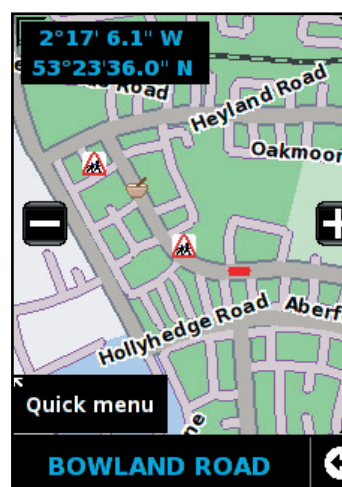
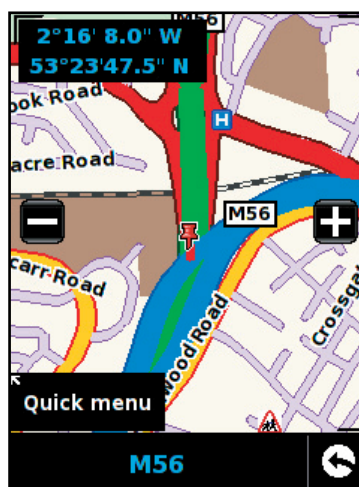
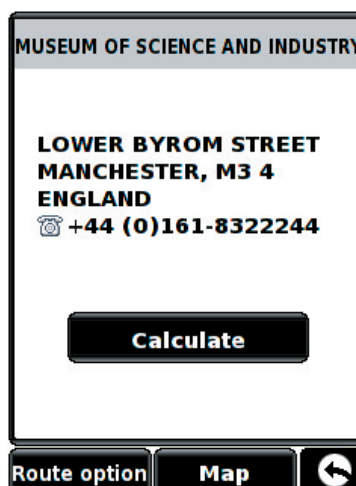
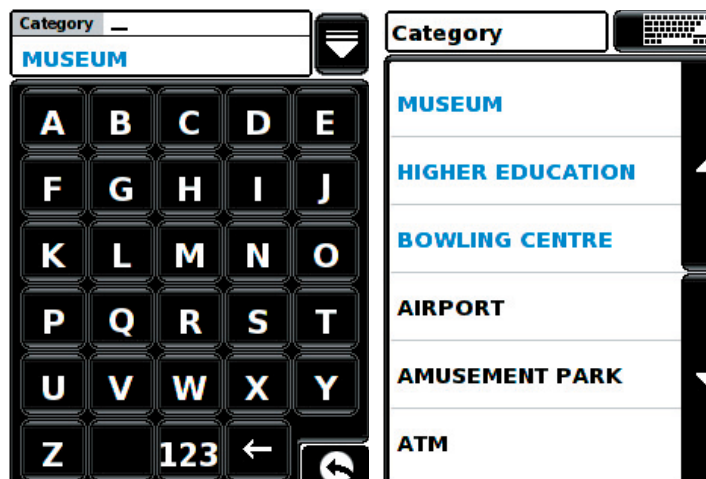
To navigate using this facility

- Press the centre of the display to access the menu.
- Press 
- Press 
- Press the  icon.

The screen will show a section of the map (usually of your current position with a road selected in red).

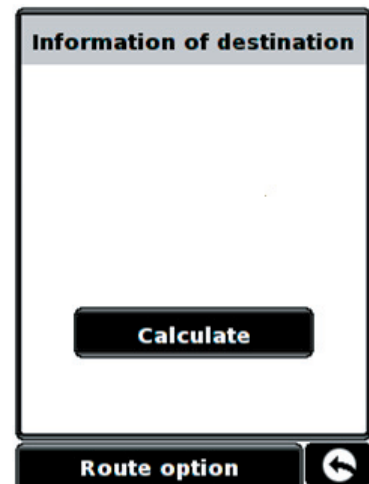
- To see a larger section of the map press the  button to zoom out.
- If you would like to see the map in more detail, use the  button to zoom in.

- By pressing and moving your finger on the screen you can move the map around until you find your desired location.
- When you can see the required destination, simply press on the road of the map you would like to navigate to and the road name selected will be displayed at the bottom of the screen.
- Press  and then press .



- To start the journey press 'Calculate'.
- To change the route parameters press 'Route Option' (see Route Options on page 43 for specific instructions).
- To return to the previous page press the return arrow located on the bottom right hand corner of the display.

Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.




**Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**

Press ▼ to scroll to the next screen

### 3.11 Re-route

The Sapphire Plus can recalculate your route by avoiding certain roads or redirecting you by distance. This facility only becomes available once you have calculated a route.

To perform a re-route:

- Press the centre of the display to access the menu.
- Press 
- Press ▼ twice
- Press the  Re-route icon.


You can then choose how you would like to re-route your journey from the selections shown on the display.

**In order to use this function on your Sapphire Plus you will need to have entered and calculated a route.**

If the  Re-route icon is greyed out, a route has NOT been entered.

#### 3.11.1 Avoid by road name

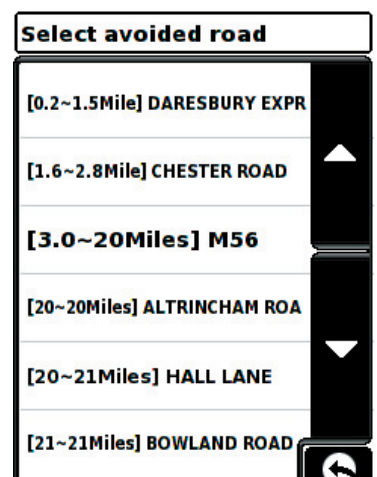
If you know the road name or road number, you wish to avoid, select this option.

- Press 

You will be provided with the turn-by-turn instructions of the route that you are currently following. If the road you are looking for is not visible, press the down arrow on the right hand side of the display to see further turn-by-turn instructions.

- Once you have found the road that you wish to avoid, select it with your finger.

Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.



**Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**

### 3.11.2

#### Avoid by range

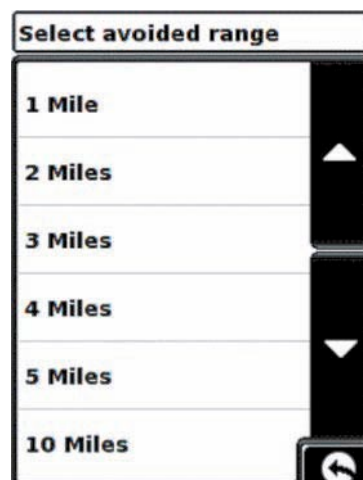
If you wish to avoid several roads from the selected route calculated by the Sapphire Plus, then this function allows you to re-calculate a route over a user defined distance, ranging from 1 mile up to a maximum of 100 miles.

To use this function:

- Press the **Avoid by range** button - the 'Select avoided range' page will be displayed.
- Select the distance of the range you wish to avoid using your finger.

If you wish to view more range distances then press the down arrow on the right hand side of the display. Once you have selected the range you wish to avoid the Sapphire Plus will automatically re-calculate your route.

Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.



**Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**

### 3.11.3

#### Clear avoided road

If you do not wish to use the alternative routes offered by the Sapphire Plus and you wish to return to the original calculated route, press the **Clear avoided road** button and the original route plotted by the Sapphire Plus will be restored. Once the re-calculation of the original route is complete the summary screen is displayed. Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

**Please Note: If you have already travelled some of the re-calculated route, the Sapphire Plus may produce a slightly different route from what was originally plotted.**

**The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**

If the **Avoid by range** and **Clear avoided road** have not been used, this feature is unavailable and the button will be greyed out.



### 3.12





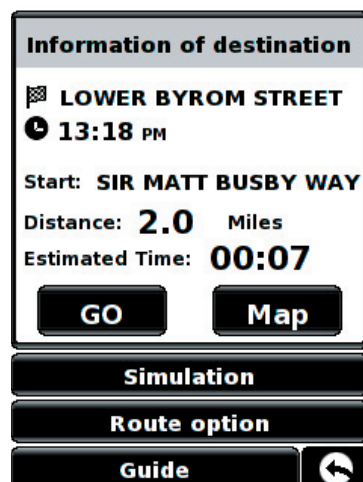
#### Route description

After a route has been calculated and the journey has commenced, you can access the summary display again by using this function.

To view the summary screen:

- Press the centre of the display to access the menu.
- Press **Navigate to**
- Press ▼ twice
- Press the  **Route description** icon.

In order to use this function on your Sapphire Plus you will need to have entered and calculated a route. If the  **Route description** icon is greyed out,  **Route description** a route has NOT been entered.



From the summary display you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

**The summary screen is only displayed for approximately 10 seconds before the unit automatically returns to providing you with turn-by-turn instructions.**

#### 4.0

The 'My Favourite' menu allows you to store destinations that you visit frequently, retrieve recently visited destinations, modify user points and edit or store your and details without having to enter the destination details each time.

#### 4.1 **Favourites**

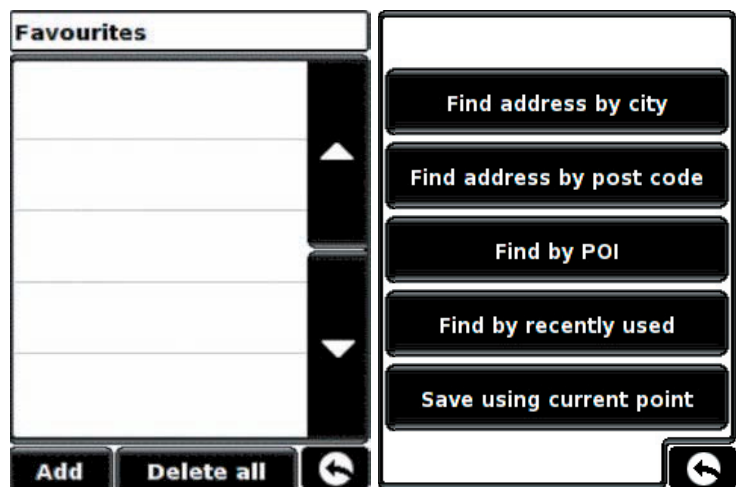
This function allows you to store a number of your more common destinations. You can store up to a maximum of 150 different destinations.

##### 4.1.1 Add a favourite destination



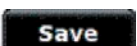
- Press the centre of the display to access the menu.
- Press 
- Press the  **Favourites** icon.
- Press 

You can now search for the destination using the following options displayed:

**To find out how to use these options please refer to the applicable sections in this user manual.**



Once you have entered your destination details you also have the facility to name your destination to make it easier to find.

- Press  and a keyboard will be displayed with the road name of the destination you selected.
- Press the  key to erase this data then input the new name using the keyboard.
- Press  once you have entered the name.

**Please note: You can enter a new name for the favourite using up to a maximum of sixteen characters.**





##### 4.1.2 Using a favourite destination

- Press the centre of the display to access the menu.
- Press 
- Press the  **Favourites** icon.
- Select the favourite destination you wish to use.

##### 4.1.3 Editing/Deleting a Favourite

- Press the centre of the display to access the menu.
- Press 
- Press the  **Favourites**
- Select the favourite destination you wish to edit/delete.

#### 4.1.4 To delete ALL favourites

- Press the centre of the display to access the menu.
- Press 
- Press the  **Favourites** icon.
- Press the  button – an information box will be displayed.
- Press the  button and ALL the favourites will be deleted.



## 4.2 **Recent destination**

This function can be used to delete any or all of the recent destinations that are stored on the Sapphire Plus. The Sapphire Plus can store up to a maximum of 40 recent destinations.

#### 4.2.1 To delete individually stored recent destinations

- Press the centre of the display to access the menu.
- Press 
- Press the  **Recent destination** icon.
- Select the recent destination you wish to delete.

You can scroll through the list of recent destinations using the up, down arrows located on the right hand side of the display, and select the destination you wish to delete with your finger.





The information relating to that destination is displayed.



- Press the  button at the bottom of the display.

If the destination selected is not the one you wish to delete you can press the 'return' arrow located in the bottom right hand corner of the display to go back to the list and reselect the correct destination for deletion.

#### 4.2.2 To delete ALL stored recent destinations

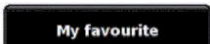
- Press the centre of the display to access the menu.
- Press 
- Press the  **Recent destination** icon
- Press the  button – an information box will be displayed.
- Press the  button and ALL the recent destinations will be deleted.

## 4.3 **User points**

This function can be used to edit or delete any or all user stored locations that you can store in the Sapphire Plus. The unit has the facility of storing up to 100 user locations. (For further information on saving new coordinates, please refer to the section 'Save User Points' on page 40).

#### 4.3.1 Editing user points

Once a user point has been stored onto the Sapphire Plus the location requires editing so that the correct alert will be given when you approach the user stored coordinate. To edit the user point:


- Press the centre of the display to access the menu.
- Press 

- Press the  **User points** icon
- Select the user point you wish to edit.

You can scroll through the list of user points by using the up, down arrows located on the right hand side of the display.

The following screen is displayed.

- Press **Change** to edit the selected 'User Point'.




Select the  that corresponds to the location.


To see more types press the  on the display.


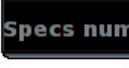


**Please Note: If you select the user point type as 'SPECs' the 'Specs num' option becomes available. This option is NOT available for any other location type.**

- Select **Direction** to specify the compass direction of the user point.
- Select **Limit speed** to specify the speed limit of the user point.
- Once you have finished editing the user point save your changes by pressing the **OK** button at the bottom of the display.

The new user point information has now been stored.



User points	
TORONTO AVENUE(RISK ZONE)	 
OUTWOOD LANE(RISK ZONE)	
M56(RISK ZONE)	
<div> Delete all  </div>	

OUTWOOD LANE
<b>OUTWOOD LANE</b> <b>MANCHESTER AIRPORT</b> <b>MANCHESTER, M90 4</b> <b>ENGLAND</b> <b>2°16'17.1" W / 53°21'5</b> <b>Type : RISK ZONE</b> <b>Direction : NORTH</b> <b>Limit speed : 30 MPH</b>
<div> Change Name Delete  </div>


	Type
	UNKNOWN
	GATSO
	TRUVELO
	SPECS
<b>Direction</b>	<b>RISK ZONE</b>
<b>Limit speed</b>	SCHOOL
	
<div> OK  </div>	

#### 4.3.2 Changing the name of your user point


You also have the facility to name the user point to make it easier to find.

- Press the centre of the display to access the menu.
- Press **My favourite**
- Press the  **User points** icon.
- Select the user point you wish to edit.
- Press **Name** and a keyboard will be displayed with the road name of the destination you selected.
- Press the  key to erase this data then input the new name using the keyboard.
- Press **Save** to store the new name.

**Please note: You can enter a new name for the favourite using up to a maximum of sixteen characters.**

OUTWOOD LANE
<b>OUTWOOD LANE</b> <b>MANCHESTER AIRPORT</b> <b>MANCHESTER, M90 4</b> <b>ENGLAND</b> <b>2°16'17.1" W / 53°21'5</b> <b>Type : RISK ZONE</b> <b>Direction : NORTH</b> <b>Limit speed : 30 MPH</b>
<div> Change Name Delete  </div>

#### 4.3.3 Delete individually stored user points



- Press the centre of the display to access the menu.
- Press **My favourite**
- Press the  **User points** icon
- Select the user point you wish to delete.

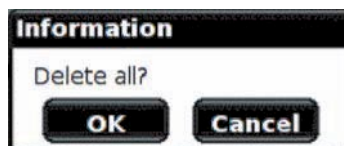
You can scroll through the list of user points by using the up, down arrows located on the right hand side of the display.

- Press the **Delete** button at the bottom of the display.

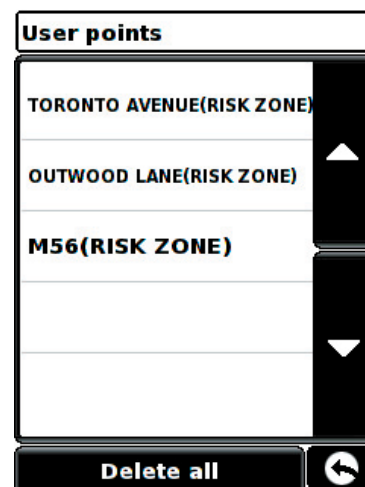
If the user point selected is not the one you wish to delete you can press  located in the bottom right hand corner of the display to go back to the list and reselect the correct user point for deletion.

#### 4.3.4 To delete ALL stored user points

- Press the centre of the display to access the menu.
- Press .
- Press the  **User points** icon
- Press the **Delete all** button – an information box will be displayed



- Press the **OK** button and ALL the stored user points will be deleted.



## 4.4 Home

To set up and use this function was explained in Section 3.3 earlier in the manual. When this function is accessed from the 'My Favourite' menu, you are able to change the 'Home' location (for example if you move house) or to delete the 'Home' location.


#### 4.4.1 To change the home location

- Press the centre of the display to access the menu.
- Press .
- Press the  **Home** icon.
- Press the **Change** button.

You can now search for the new 'Home' location using the following options displayed:

To find out how to use these options please refer to the applicable sections in this user manual.



Once you have entered your 'Home' location details you also have the facility to name your destination.

- Press **Name** and a keyboard will be displayed with the road name of the destination you selected.
- Press the  key to erase this data then input the new name using the keyboard.
- Press **Save** to store the new name.

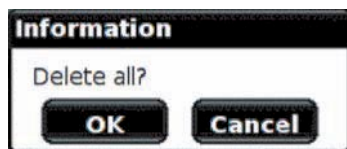


**Please note: You can enter a new name for the favourite using up to a maximum of sixteen characters.**

#### 4.4.2 To delete the home location

- Press the centre of the display to access the menu.
- Press .
- Press the  **Home** icon.

- Press the **Delete** button – an information box will be displayed




- Press the **OK** button and the 'Home' location will be deleted.

## 4.5 Office

To set up and use this function was explained in Section 3.3 earlier in the manual. When this function is accessed from the 'My Favourite' menu, you are able to change the 'Office' location (for example if you move house) or to delete the 'Office' location.

### 4.5.1 To change the Office location

- Press the centre of the display to access the menu.
- Press **My favourite**
- Press the  **Office** icon
- Press the **Change** button.

You can now search for the new 'Office' location using the following options displayed:

**To find out how to use these options please refer to the applicable sections in this user manual.**




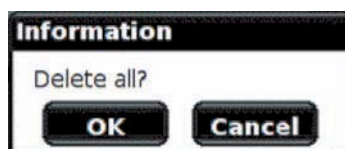
Once you have entered your 'Office' location details you also have the facility to name your destination.

- Press **Name** and a keyboard will be displayed with the road name of the destination you selected.
- Press the **←** key to erase this data then input the new name using the keyboard.
- Press **Save** to store the new name.

**Please note: You can enter a new name for the favourite using up to a maximum of sixteen characters.**

### 4.5.2 To delete the Office location


- Press the centre of the display to access the menu.
- Press **My favourite**
- Press the  **Office** icon.
- Press the **Delete all** button – an information box will be displayed



- Press the **OK** button and the 'Home' location will be deleted.




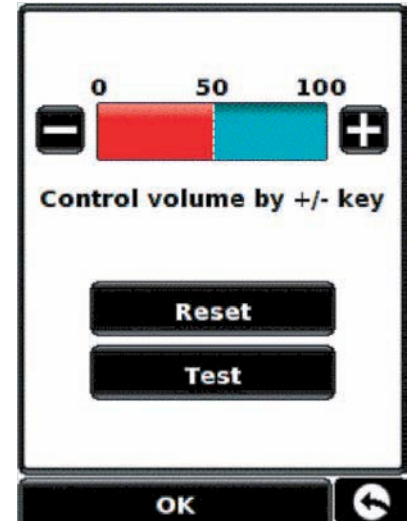
To set the **Night** setting, simply check the tick box with your finger for and follow the same procedure. Once you have selected the desired brightness setting press the **OK** button at the bottom of the screen.


**Note:** The  icon in the bottom right hand corner of the display will return you to the **Configure** menu if pressed but will not store any changes you have made. You need to select the **OK** button in order to save your changes.

## 5.2 Volume control

The Sapphire Plus volume can be adjusted using this function within the 'Configure' menu. To adjust the volume:


- Press the centre of the screen to access the 'Menu'.
- Press **Configure**.
- Press the  **Volume control** icon.
- To increase the volume, press the **+** icon.
- To decrease the volume, press the **-** icon.
- To test the volume before saving, press the **Test** icon.
- To reset the volume to the factory default, press the **Reset** icon.
- Press **OK** at the bottom of the screen to save your setting.



**Note:** The  icon in the bottom right hand corner of the display will return you to the **Configure** menu if pressed but will not store any changes you have made. You need to select the **OK** button in order to save your changes.

## 5.3 Change language

Your Sapphire Plus comes with a choice of voice prompts and alerts in several languages. Changing the language also changes the language of the menu items as well on the unit. To use this facility:

- Press the centre of the screen to access the 'Menu'.
- Press **Configure**.
- Press the  **Change language** icon.
- Using the left and right arrows search for the voice you require.
- If you would like to listen to a sample of any voices simply press the **Test** button.
- Press **OK** to save your setting.



## 5.4 Setup

The **Setup** function allows you to customise the visual information provided by the navigation screen. To alter any of these settings:

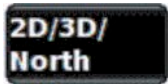
- Press the centre of the screen to access the 'Menu'.

- Press .

- Press the  **Setup** icon.

- Select the option you wish to change on the left.

There are number of different pieces of information that you can have displayed on the navigation screen at any one time as follows:



#### 5.4.1

This option allows you to select the view of the map that you would like to have displayed. The 3D navigation view is displayed as the factory default and displays the map, calculated routes, Points Of Interest and safety camera data (if subscribed to) from a 3D perspective.

This facility customises the map view between:



3D



2D



North

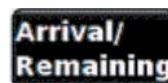
To make your selection, touch the relevant tick box with your finger.



#### 5.4.2

This option allows you to switch the information on the Sapphire Plus between imperial and metric measurement.


To make your selection, touch the relevant tick box with your finger.



#### 5.4.3

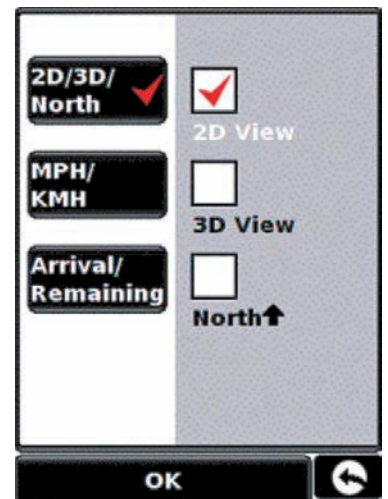
This option allows you to display either the estimated time of arrival (ETA) or the estimated remaining time left for your journey towards the bottom of the navigation screen.

To make your selection, touch the relevant tick box with your finger.

To save any of the changes press the  button at the bottom of the display.

If you wish to keep the settings unchanged you can exit the  **Setup** menu by pressing  located in the bottom right hand corner of the display.

Your new settings will now be saved and will appear on the screen each time you use your Sapphire Plus.




## 5.5 Show POI

The Sapphire Plus comes complete with a comprehensive list of POI's (Point's of Interest). You can search for addresses using POI's and save POI's in your list of favourites. You can also choose which of the POI's you would like to have indicated on your map. As standard ALL POI's are shown, however this list can be edited within the POI Menu.

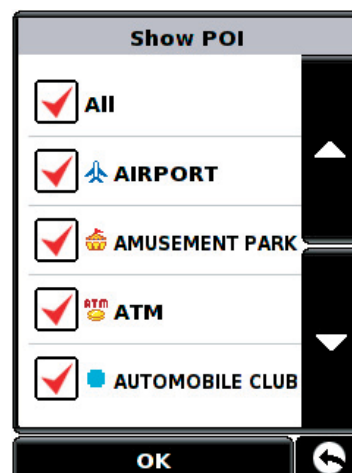
- Press the centre of the screen to access the 'Menu'.

- Press .

- Press the  Show POI icon.

The screen will now show a list of POI's stored on your unit with a  box to the left of each type of POI. Simply press the tick box to select or deselect the POI. A red tick in the box indicates that the POI will appear on your map, an un-ticked box will remove the POI from the map view. To scroll through the list of POI's you can press either the up or down arrows located on the right hand side of the display.

To deselect all POI's from the map un-tick the  All tick box at the top of the list of POI's.



To save any of the changes press the  button at the bottom of the display.

If you wish to keep the settings unchanged you can exit the  Show POI menu by pressing  located in the bottom right hand corner of the display.


Press  to scroll to the next screen

## 5.6 Auto scale

Auto Scale is switched 'On' by default during manufacture. Auto Scale automatically magnifies the map as you approach a junction or roundabout, where you may need to make a turning, so that you can see it in more detail.

Auto Scale can be turned on and off as you wish. To change this setting:

- Press the centre of the screen to access the 'Menu'.

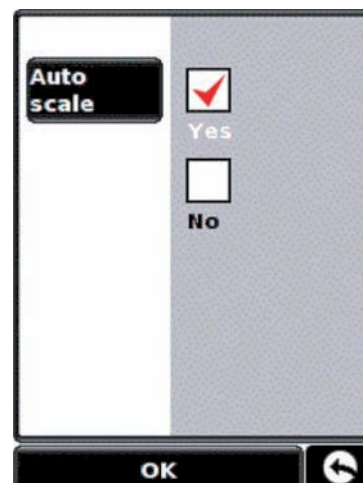
- Press .

- Press .

- Press the  Auto scale icon.

To make your selection, touch the relevant tick box with your finger.

To save any of the changes press the  button at the bottom of the display.

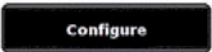




If you wish to keep the settings unchanged you can exit the  Auto scale menu by pressing  located in the bottom right hand corner of the display.

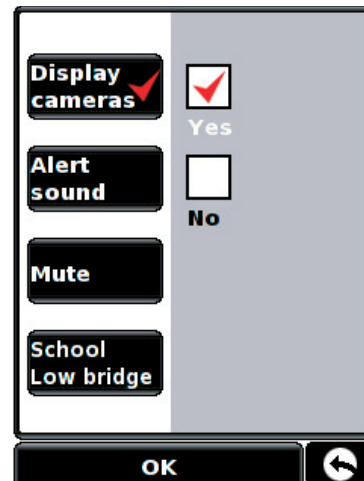
## 5.7 Camera alert

In order for this feature to operate you will need to subscribe to and download the Enigma™ Camera Database onto your Sapphire Plus. See 'Registering your Sapphire Plus' (Page 6) and 'System Requirements & Downloading' (page 9) for further details.

This function allows you to personalise the camera alert settings that you will receive during operation. To alter the camera alert settings:



- Press the centre of the screen to access the 'Menu'.
- Press  .
- Press  .
- Press the  **Camera alert** icon.

A list of options are displayed on the left hand side of the screen. To change any of the settings select the relevant option on the left and a tick will appear next to the option to confirm your selection.





### 5.7.1

You can choose between the following options:



-  A safety camera visual warning will be displayed on the left hand side of the navigation screen as they are approached.
-  No fixed speed safety camera warnings are displayed on the navigation screen. To make your selection, touch the relevant tick box with your finger.

### 5.7.2

You can choose between the following options:

-  The unit will emit an audible alert when you approach a fixed speed safety camera.
-  No audible alert is emitted.

### 



This function allows you to change the audible camera alert tone to either a  or a  tone.

To make your selection, touch the relevant tick box with your finger.

### 5.7.3



You can choose between the following options:

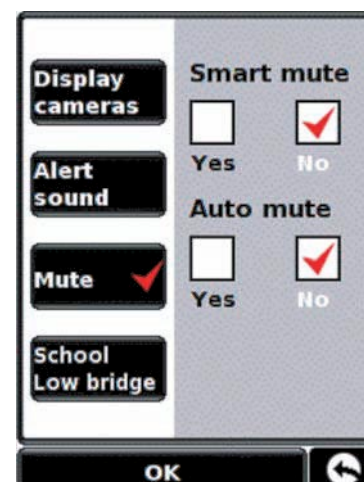
#### Smart Mute

-  The unit will only emit an audible tone if you are travelling above the speed limit of the fixed speed safety camera location\*\*.
-  The unit will emit a warning irrespective of the speed of the vehicle (the vehicle must be travelling above 20 mph).

\*\* A visual warning will always be given.

#### Auto Mute

-  The unit will provide an audible alert at your set audible level but will then reduce this alert to a lower level after a few seconds when you are approaching a safety camera.
-  Sapphire will continue to emit a tone at a constant audio level until the camera has been passed.



To make your selection, touch the relevant tick box with your finger.

## 5.7.4

## SCHOOL

You can choose between the following options:

☒ **Yes** Provided you have selected the option to download schools on the Sapphire Plus updater software, this feature enables the unit to alert you when you are near a primary school\*.

☒ **No** The unit will not provide alerts of Primary schools.

Schools are indicated on the Sapphire Plus display by the  icon.

**\*Please note: The Sapphire Plus will only provide alerts to Primary Schools at the following specified times: 08:30 – 09:30; 12:00 – 13:00 and 15:30 – 16:30.**

To make your selection, touch the relevant tick box with your finger.

To save any of the changes press the  button at the bottom of the display.

If you wish to keep the settings unchanged you can exit the  Camera alert menu by pressing  located in the bottom right hand corner of the display.

## 5.8




## Alert

If you deviate from the calculated route, the Sapphire Plus will automatically recalculate a route without any user intervention. To indicate rerouting is in progress the Sapphire Plus will emit an audible tone.

This function allows you to alter the audible alerts provided during navigation. By default, this option is switched 'ON'. To alter this setting:

- Press the centre of the screen to access the 'Menu'.

- Press .

- Press .


- Press the  Alert icon.

You can choose between the following options:

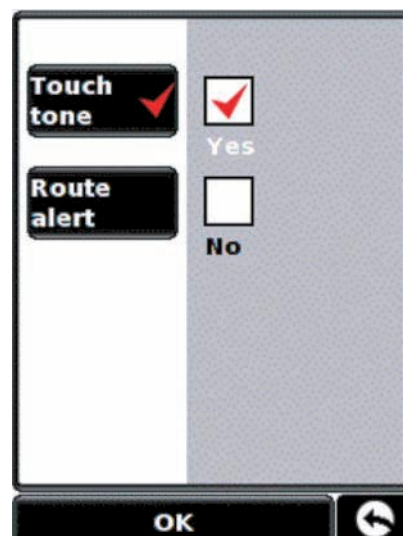
☒ **Yes** The re-route tone will be emitted during recalculation.

☒ **No** No re-route tone will be emitted.

To make your selection, touch the relevant tick box with your finger.

To save any of the changes press the  button at the bottom of the display.

If you wish to keep the settings unchanged you can exit the  Alert menu by pressing  located in the bottom right hand corner of the display.



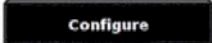
## 5.9




## GPS status


You can check the health of the GPS connection of your unit at any time as well as being able to see the exact coordinates of your current position by using this feature.

- Press the centre of the screen to access the 'Menu'.

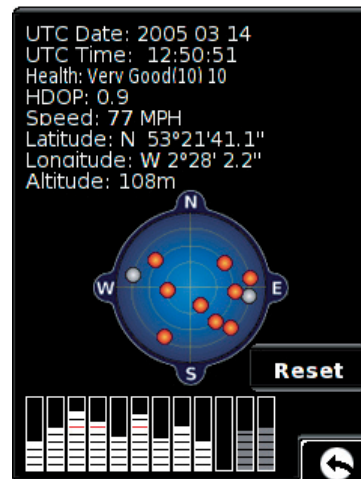
- Press .

- Press .

- Press the  **GPS status** icon.

Your current GPS status will then be displayed. If you wish to revert the GPS engine to the factory default, press the  button.

If you wish to exit the  **GPS status** menu by press  located in the bottom right hand corner of the display.




## 5.10 Change map colour

This function allows you to choose between the alternative colour schemes that are available for the maps used in your Sapphire Plus system (several of which are most suitable for use at night). To access this facility:

- Press the centre of the screen to access the 'Menu'.


- Press .

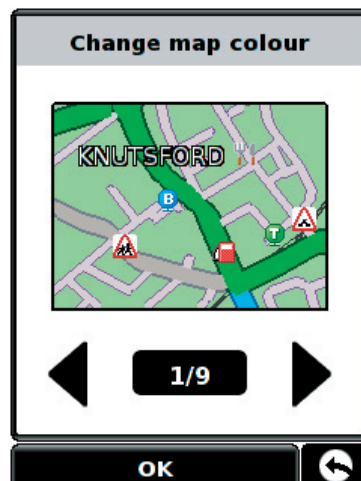
- Press .

- Press the  **Change map colour** icon.

Use the arrows beneath the map display to cycle through the different colour schemes. There are nine colour schemes to choose from.

To save the changes press the  button at the bottom of the display.

If you wish to keep the settings unchanged, you can exit the  **Change map colour** menu by pressing  located in the bottom right hand corner of the display.



## 5.11 Save user point

As mentioned earlier in this user manual you have the facility to store, edit and delete on the Sapphire Plus. (For more information regarding User Points, please refer to Section 9.4 later in the user manual). Before you can store any user points onto your Sapphire Plus, you need to activate the button that will allow you to do this.


- Press the centre of the screen to access the 'Menu'.

- Press .

- Press  twice.

- Press the  **Save user point** icon.

- Press  to activate it.

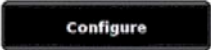


To save the changes press the  button at the bottom of the display.

You will now see the  displayed on the screen.



## 5.13 Version

This option allows you to view the hardware and software version numbers of your unit. To view this information:

- Press the centre of the screen to access the 'Menu'.
- Press .
- Press  twice.
- Press the  **Version** icon.

<b>H/W</b>	SNP270 01
<b>S/W</b>	1.0.0.0
<b>Map</b>	gb-P1200C2C07130
<b>Warn</b>	1.06.3.13
<b>Verify data</b>	

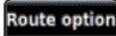

- H/W** Displays the hardware version of the Sapphire Plus.
- S/W** Displays the current software version of the Sapphire Plus operating system.
- Map** Displays the current map version.
- Warn** Displays the date the Enigma™ camera database was last downloaded\*.

**\*If you do not subscribe to the Enigma™ camera database or the unit has never been downloaded the message 'No camera data available' will be displayed.**

### 

If you wish to check the reliability of the software data on your SD card then press this button and the Sapphire Plus will then perform a 'system check' to ensure that the SD card information is at optimum efficiency.

## 6.0

If you would like to personalise your route, press the  button, before pressing the  button. This will give you a choice of calculating a route that takes the shortest time or the shortest distance and will also allow you to calculate a route that avoids any Toll Roads and Motorways if necessary.

There are a number of different options available to enable you to select either the most efficient route for you to take or to enable you to personalise the route calculated. The following options are available every time you program a route, whether you search by Post Code, City or by a POI.

Simply check the tick box with your finger the feature you would like to activate.

The choices are as follows:

Route option	
<input checked="" type="checkbox"/>	<b>Shortest time</b>
<input type="checkbox"/>	<b>Shortest distance</b>
<input type="checkbox"/>	<b>Avoid tollway</b>
<input type="checkbox"/>	<b>Avoid motorway</b>
<b>DONE</b>	
<b>Navigate avoiding road</b>	
<b>Navigate via location</b>	
<b>Change start position</b>	

### 6.1.1 **Shortest time**

This option will calculate a route based on time using a combination of Motorways, 'A Roads' and 'B Roads' as necessary. The route is calculated by the Sapphire Plus to navigate you to your destination in the shortest time possible whilst adhering to the national speed limits.

### 6.1.2 **Shortest distance**

This option will navigate you to your destination using a combination of roads calculated to cover the least number of miles possible. It may be the most direct route but it could take you longer to arrive!

**Please note: Of the two options described above only ONE option can be selected during the Route Option configuration.**

### 6.1.3 **Avoid tollway**

If you want to calculate a route avoiding any type of Toll Roads, select this feature before calculating your route. Press again to deselect.

#### 6.1.4 Avoid motorway

If you would like to take a more leisurely journey with the chance of a more picturesque view then select the 'Avoid Motorway' option and your route will be calculated accordingly. Press again to deselect.

**Please note: The 'Avoid Tollway' and 'Avoid Motorway' options can be used in conjunction with each other.**

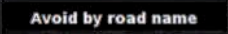
Other routing options are:

#### 6.2 Navigate avoiding road

**Please note: This option can only be used once a route has been calculated. If a route has not been calculated then this button will be greyed out** .

##### 6.2.1 Avoid by road name

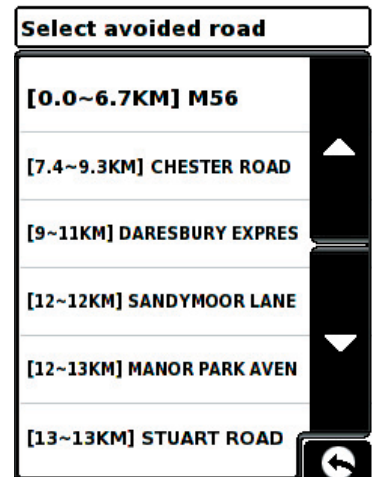
If you know the road name or road number you wish to avoid, then select this option.

- Press .

You will be provided with the turn-by-turn instructions of the route that you are currently following. If the road you are looking for is not visible, press the down arrow on the right hand side of the display to see further turn-by-turn instructions.

- Once you have found the road that you wish to avoid, select it with your finger.

Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

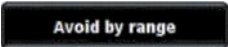


**Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**

##### 6.2.2 Avoid by range

If you wish to avoid several roads from the selected route calculated by the Sapphire Plus, then this function allows you to re-calculate a route over a user defined distance, ranging from 1 mile up to a maximum of 100 miles.

To use this function:

- Press the  button - the 'Select avoided range' page will be displayed.
- Select the distance of the range you wish to avoid using your finger.

If you wish to view more range distances then press the down arrow on the right hand side of the display. Once you have selected the range you wish to avoid the Sapphire Plus will automatically re-calculate your route.

Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.



**Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**

### Clear avoided road

6.2.3

If you do not wish to use the alternative routes offered by the Sapphire Plus and you wish to return to the original calculated route, press the **Clear avoided road** button and the original route plotted by the Sapphire Plus will be restored.

Once the re-calculation of the original route is complete the summary screen is displayed. Once the calculation is complete you can either press 'Go' to start navigation, 'Simulation' to see the actual route that will be taken, 'Route Option' to change the parameters of the route or 'Guide' which will list the turn by turn instructions of the journey. The 'Summary Screen' will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

**Please Note: If you have already travelled some of the re-calculated route, the Sapphire Plus may produce a slightly different route from what was originally plotted.**

**The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.**

If the **Avoid by road name** and **Avoid by range** have not been used, this feature is unavailable and the button will be greyed out **Clear avoided road**.

### 6.3 Navigate via location

If you would like to calculate a route to a destination but want to go via a specific location along the way you can use this function. Simply input the details of your final destination as usual but press the 'Route Option' button in the summary screen and then select the 'Navigate Via Location' button.

You are provided with the following search options:

**To find out how to use these options please refer to the applicable sections in this user manual.**

Once you have found the address or location you would like to go to via your route, press the **Set** button. A red tick is now displayed on the **Navigate via location** button.

Now press the **DONE** button followed by the 'Calculate' button.

If you would like to check the route calculated prior to departure press the 'Guide' button on the Summary screen which will give you a list of each turn by turn instruction from the start of your journey to the end.



### 6.4 Change start position

You can use this function if you would like to calculate a route but from a different location to the one you are currently at. First input your destination address as normal but when you reach the Summary page, press the **Route option** button.

Now press the **Change start position**. You are provided with the following search options:

**To find out how to use these options please refer to the applicable sections in this user manual.**

Once you have found the new starting point, press the **Set** button.

The **Change start position** is now highlighted with a red box. **Change start position**

Now press the **Calculate** button and the Sapphire Plus will calculate the route.



## 6.5 Summary Screen

The summary screen provides you with the information of your intended route such as distance to destination and estimated time of arrival for example and gives you the option of making any changes or viewing the route prior to commencing your journey.

### 6.5.1 Simulation

Press the **Simulation** button and your Sapphire Plus will take you through the calculated journey step by step with full on screen and voice instructions.

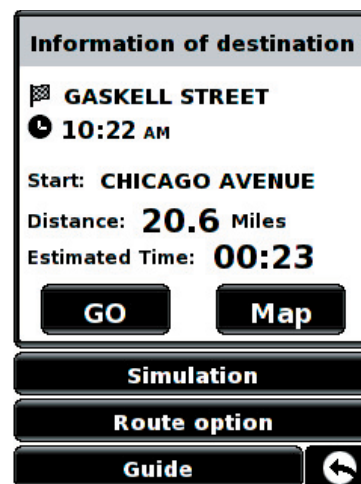
**Please Note: If at any time you wish to cancel the simulation press the return arrow located in the bottom right hand corner of the display.**

### 6.5.2 Route option

The **Route option** function can be accessed from this page, this allows you to tailor your journey using options such as ☒ **Shortest time** or ☒ **Shortest distance**. Please refer to the **Route option** section of this manual for more details.

### 6.5.3 Guide

If you would like to check the turn by turn instructions of the route calculated prior to departure press the **Guide** button on the Summary screen.



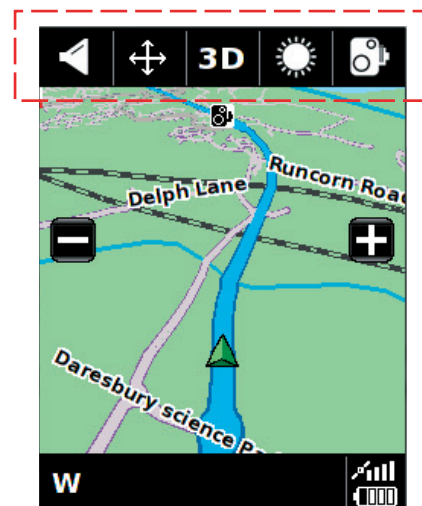
## 7.0 Quick Access Menu

A small on-screen Menu can be launched by touching the screen anywhere along the top 10mm of the display. See diagram on the right.

The quick access menu will drop down automatically. If no other button on the drop down box is pressed the drop down box disappears after approximately three seconds.

From this menu you can:



- Zoom closer in, or zoom further out from the map.
- Mute or alter the audio level
- By pressing the like icon you can manipulate the map
- Switch between the 2D, 3D and North views.
- Switch between day and night settings
- Switch off the speed camera location facility.



### 7.1 Volume Setting

Selecting this option opens the Volume menu whereby you can increase or decrease the audio level of the unit.


Press the  icon.


To adjust the volume, use your finger to press either the  button to increase the volume or the  button to decrease the volume.



**Please note that this new setting is only temporary and if the Sapphire Plus is switched off and then back on the audio level returns to either the factory default or your personalised setting.**

If you press the speaker icon as indicated, you can turn off the audio on the unit completely.

A  symbol is displayed in the top left hand corner of the display to indicate that the sound has been switched off.

To switch the sound back on press the screen near the top of the display and select the  icon. Press either the speaker icon or the volume controls to restore audio on the unit.



## 7.2 Scroll Map

By pressing this icon you can manipulate the map by touching and moving your finger on the screen.

## 7.3 Night Settings

Bright colours are normally used for the mapping display so that you can see the map more clearly, even in bright sunlight. When it is dark outside however, you may want to switch to the Night Mode as the daytime setting will be too bright.


The navigation view will then be displayed using dark and subdued colours that will not interfere with your night vision.


Use Day to revert to the original colour scheme.


**Please note: If you switch the unit off and then back on the display reverts to your previous personalised setting.**

## 7.4 Camera Alerts

**(Only applicable if you have subscribed to the Enigma™ Camera Database)**



This function allows you to temporarily disable the safety camera alerts. If you press the  icon you can turn the camera alert on or off.

A  symbol is displayed in the top right hand corner of the display to indicate that the alert has been switched off.

To restore the camera alerts press the top of the Sapphire's display to show the drop down menu and then press the  icon.

**Please note: If you switch the unit off and then back on the display reverts to your previous personalised setting.**

## 7.5 Magnify or Reduce Function

The map on the display can be magnified or reduced by pressing on the  or  buttons displayed when the drop down menu. This will also show the quick menu at the base of the display.

## 8.0 Understanding the Mapping Screen Distance to next junction or instruction

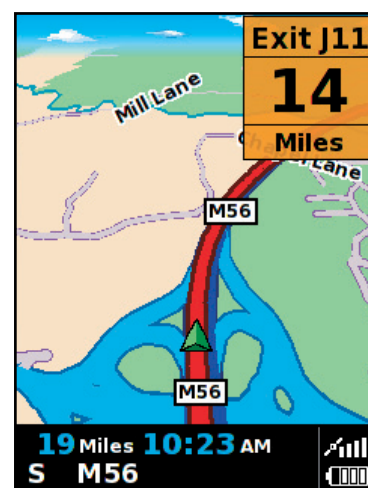
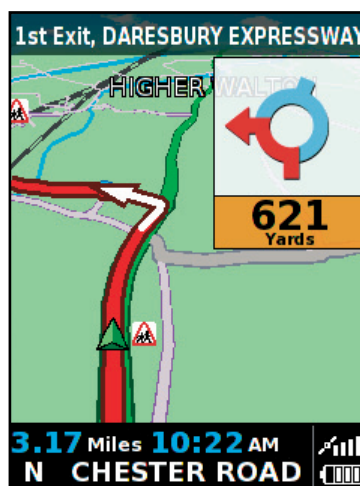
Whilst navigating a calculated route the Sapphire Plus display will show an orange information box. This box will tell you the next road you should be travelling on and the distance to that turn. The screen will also show you either the expected time of arrival or the time left to go. The distance left to your destination will also be displayed.

The red line on the map indicates the route you will be taking, clearly and precisely.

### *Next turning or instruction*

As you approach the next turning or instruction, the orange window will indicate the exact action that you need to take.

**For more information on Speed Camera alerts, refer to the Speed Camera Alerts section of this manual.**



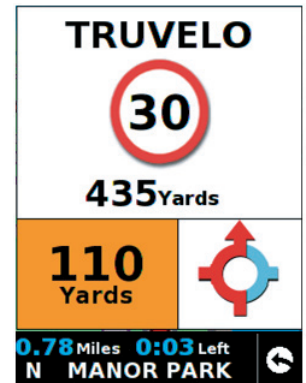
## 9.0 Speed Camera Alert Patterns

To enable your Sapphire Plus to alert you to Fixed Speed Cameras and Accident Black spots you will have to register and download the Enigma™ Camera Database.

### 9.1 Fixed Speed Safety Cameras

As you approach, a fixed speed safety camera the unit will begin to provide both a voice alert stating the type of camera you are approaching and the fixed speed limit for that camera and a visual alert displaying the same information. The unit will also provide an audible tone (either a Soft or Hard beep depending on your personalised setting) and the Sapphire Plus will provide updated information indicating the distance to the camera. As you move closer to the camera the 'beeping' will quicken. Once you have passed the fixed speed camera location, the unit will reset ready to alert you to the next potential accident black spot.

To cancel an alert press the camera alert section of the screen the denotes that the alert has been muted



### 9.2 Risk Zones

The alert for a Risk Zone is the same as the Fixed Camera Alert.

### 9.3 SPECS Safety Camera Systems

Due to the fact that the SPECS camera incorporates a series of cameras that monitor a vehicles average speed over a fixed distance, a different alert pattern has been devised to ensure that your concentration is maintained throughout the danger zone.

When approaching the first camera in the SPECS system your Sapphire Plus will begin to alert you at approximately 700 yards with a display indicating 'SPECS START' and emitting an audible alert.

The display will indicate the speed limit at this point and then count down the remaining distance to the location of the camera. The unit will then emit an audible alert and flash 'SPECS' every few seconds to remind you that you are still within the 'SPECS' system.

The Sapphire will indicate the end of the SPEC's sequence by displaying 'SPECS END' and emitting an audible alert.


If after thirty seconds you do not pass another camera, for instance if you have turned off the road without passing the last camera in the SPEC's sequence, the warning will no longer be displayed.

**Please Note: If you join a road in the middle of a SPECS series you will automatically get a visual and audible alert, indicating the type of camera, 300 yards before the first camera that you pass.**




### 9.4 Saving User Points

If in the unlikely event that you pass the location of a safety camera and your Sapphire Plus does not provide you with an alert, you have the opportunity to store the coordinates of that location manually.

Simply park safely and as close as possible to the site, then press the  icon for approximately two seconds. The following dialogue box will be displayed.



Press the  button to store the new location or press cancel if you do not wish to store the new user point.

User Points are displayed on the map as Green Camera icons 

For the Sapphire Plus to alert you to a user point correctly the user point will need to be edited with the correct information such as the user point type and speed. (the direction is saved automatically). Please refer to 4.3.1 Editing User Points for full editing instructions.

**9.4.1 Troubleshooting – Saving New User Points**

When you attempt to save a User Point and the Information window with ‘Save user point?’ is not displayed it means that the memory in your Sapphire Plus is completely full. If you want to store any different coordinates, you will have to either delete some or all of the existing coordinates stored in the unit’s memory.

If you have subscribed and downloaded the Enigma™ camera database on to your Sapphire Plus you will be unable to store User points if your are in close proximity to fixed cameras which are already in the database and are shown as

**For more information on deleting user points, please refer to the relevant sections in this user manual.**

**9.5 Fixed Camera Pre-Alert Setting**

The pre-alert setting means that you will receive an audible and a visual alert of a fixed speed camera or risk zone at an automatically preset distance when utilising GPS. Auto-range simply selects the correct alert distance to each camera detected depending on the speed limit of the road the camera is situated on. The different alert distances are shown below.

Detection distances for Fixed Cameras    Detection distances for Risk Zones

Speed Limit	Pre-Alert	Speed Limit	Pre-Alert
20 or 30mph	200m	20 or 30mph	300m
40mph	250m	40 or 50mph	500m
50mph	300m	60 or 70mph	500m
60mph	400m		
70mph	500m		

# Troubleshooting SAPPHIRE Downloads

PLUS S320

If you are having any difficulty in performing a download onto your Sapphire Plus unit it is advisable to refer to the checklist in Section A first before contacting us.

If you are still unable to perform a download after following all of this checklist then please send an email to [support@snooper.eu](mailto:support@snooper.eu) stating the nature of your difficulty. To expedite your enquiry please supply as much detail as possible including your contact details, Sapphire Plus serial number, PC operating system, error codes and any other relevant information. One of our technicians will reply as soon as possible.

Alternatively you can contact our Technical Helpline on 0870 787 0700 and select Option 3.

**This troubleshooting guide is in two sections; Section A is in the form of a checklist that will assist you with resolving common download problems. Section B consists of a few possible reasons and possible solutions to error messages that may be displayed by the operating system or the software whilst you are trying to perform a download.**

## SECTION A

### 1. Have you registered your Sapphire Plus unit?

You will not be able to download the database unless the Sapphire Plus is registered. If the unit has not been registered, a message will appear on the software informing you that the device is not enabled. Please telephone our registrations team on 0870 787 0700 and select Option 1 to register your unit; or alternatively register online at [www.snooperneo.co.uk](http://www.snooperneo.co.uk).

### 2. What operating system are you using on your computer?

The Sapphire Plus download software will only work on the following Windows operating systems: **Windows 2000, Windows XP and Windows Vista.**

**The software will not work on Windows 95, 98, 98SE and Millennium; Apple Macintosh operating systems are not supported.**

To determine which operating system you have on your computer:


- Right click on the **'My Computer'** icon on your desktop and select **'Properties'** from the drop down menu.
- When the **'System Properties'** dialogue box opens, the **'General'** tab is selected by default. Under the heading of **'System'** the operating system is displayed.

If you do not have a **'My Computer'** icon on your desktop you can find this information by going to the **'Control Panel'** and double left clicking the **'System'** icon. The **'System Properties'** window will then be displayed as outlined in 'b' above.

### 3. Is the USB cable supplied with the Sapphire Plus connected correctly?

Please make sure the USB lead has a secure connection to the PC. Ensure the smaller connector is plugged into the USB socket on the underside of the unit. Only plug the USB lead into the Sapphire Plus once you see the **'Safety Information Screen'** after turning the Sapphire **'ON'**.

### 4. Have you installed the Sapphire Plus download software onto your PC?

If you have not installed the download software you will not be able to perform a download to your Sapphire Plus. Once the software is installed there will be a new icon in your system tray, which is located at the bottom right hand side of your desktop near the system clock. The icon is similar to this: 

Please check to see if you have the latest version of the software by visiting <http://www.snooperneo.co.uk/software.cfm> to check what software version you have, double left click the Sapphire Plus icon in your system tray, look at the top of the window that opens and you will see the version number in brackets.

### 5. Have you connected the computer to the internet?

The download software has to download a file directly from our server and this can only be done if an internet connection is present. Therefore make sure that your PC is connected to the internet by either establishing a dial up connection or signing in to your broadband internet account before you begin to download the database to your Sapphire Plus.

### 6. What version of Internet Explorer / Netscape Navigator are you using?

The software will only operate if you have Internet Explorer or Netscape Navigator 6 or above.

To check what version of Internet Explorer you have; open your browser, click on the '**Help**' menu and select '**About Internet Explorer**'. This should now display what version you currently have installed. If you have a version older than 6 (e.g. 4.5), open your browser, click on '**Tools**' and select '**Windows Update**'. This will take you to the Microsoft website where you can download the latest version of internet explorer.

To check what version of Netscape Navigator you have: open the browser, click on the '**Help**' menu and select '**About Netscape Navigator**'.

## SECTION B

This section is for supplying possible reasons and solutions to problems you may be experiencing whilst trying to download the database to your Sapphire Plus. If after completing all the checks in Section A and you are still experiencing difficulty or have received an error message please read through the following:

### 1. **ERROR MESSAGE: "Initialisation Error" or "Error 429: Active X Cannot Create Object"**

If the Sapphire Plus Updater program results in either of the above error messages and you are up to date with your Windows Critical Updates and Service Packs then you may need to install Windows Script 5.6 for Windows 2000 and XP from Microsoft which isn't included in the Windows Update Website.

Open up your internet browser and go to the Microsoft website. Type 'Windows Script 5.6' in the search field located in the top right hand corner of the page. The first result will provide a link that will allow you to download the software patch. Once downloaded you will need to install it.

### 2. **ERROR MESSAGE – 'The device has not been enabled yet.'**

Please refer to Step 1 in section A for further details.

### 3. **ERROR MESSAGE - 'There was a problem connecting to the Performance Products server...'**

If you get an error message as described above this normally means that there is something blocking communication between the software, most typically a firewall, and the Enigma™ server. Windows XP is supplied with a built in 'Internet Connection Firewall'. Depending upon which Service Pack you have for this operating system you will need to access the firewall settings and allow access for the software. We recommend updating to Service Pack 2 as this will allow easier configuration. Please refer to Step 3 in Section A for how to determine what Service Pack your windows XP Operating System has.

If you do have a Firewall on your computer the Sapphire Plus Updater software may appear to stop and it is at this point that your Firewall software will inform you that the Sapphire Plus Updater software is trying to access the internet. Please make sure that you grant/allow/permit access through the Firewall.

Please read the messages supplied by your Firewall software carefully before choosing your option. If you do not allow the program access to the internet through the Firewall, the download process will fail.

If no message was prompted by the firewall software uninstall and then re-install the software and perform a download again.

**Warning: We do not recommend disabling your firewall software in order to perform a download to your Sapphire Plus, nor can we provide advice on how to alter the settings on third party software, nor can we be held responsible for any action taken by the PC user that makes the PC more vulnerable to malicious viruses, software and computer hackers. Any changes made to the PC firewall settings are solely at the PC user's discretion. We would recommend contacting the third party software manufacturer for further information of how to configure the firewall software.**



# SAPPHIRE

## PLUS S320

# SPECIFICATION

OS	Windows CE 5.0 Core Version
Memory	Built in NAND Flash 512MB Samsung SLC
SDRAM	64MB
GPS Receiver	SiRF Star III
GPS Antenna	Embedded Patch Antenna
LCD Display	2.8", TFT WQVGA (400 x 240)
User Interface	Touch Screen
Speaker	1W internal speaker
Battery	3.7V Li Ion Re-chargeable, 1800mAh
Power	5V DC operational
Current	450mA (Normal) in Operation 500mA (Normal) in Charging 950mA (Normal) in Operation & Charging
Operating Temp	-10°C ~ +55°C

**\*Note: Only the SD card supplied will work with your Sapphire once synchronisation of the card and the unit has been completed. Replacement cards are available from Performance Products Limited. Please refer to Accessories & Price List for further details.**

## SAFETY

### Recommendations for safe use of product (Sapphire Plus, Battery, AC Mains Charger and other accessories)

- Always treat your product with care, keep it in a clean, and dust free environment.
- Warning! May explode if disposed of in fire.
- Do not expose your product to liquid or moisture or humidity.
- Do not expose your product to extreme high or low temperatures.
- Do not expose the battery to temperatures above +60°C (+140°F).
- Do not expose your product to naked flames or lit tobacco products.
- Do not drop, throw or try to bend your product.
- Do not paint your product.
- Do not attempt to disassemble or modify your product.
- Do not place your product in the area above your cars airbag.

### Children

**KEEP OUT OF CHILDRENS REACH. DO NOT ALLOW CHILDREN TO PLAY WITH YOUR SAPPHIRE PLUS OR ITS ACCESSORIES. THEY COULD HURT THEMSELVES OR OTHERS, OR COULD ACCIDENTALLY DAMAGE YOUR UNIT OR ACCESSORY. YOUR SAPPHIRE PLUS CONTAINS SMALL PARTS THAT COULD BE DETACHED AND CREATE A CHOKING HAZARD.**

### Battery

We recommend that you fully charge the battery before you use the Sapphire Plus for the first time. A new battery or one that has not been used for a long time could have a reduced capacity the first few times it is used.

Use only Snooper approved original batteries intended for use with your Sapphire Plus. Using other batteries and chargers could be dangerous.

Battery charge time can vary depending on different conditions such as operating temperature, application usage patterns, features selected.



## SERVICE UNDER WARRANTY

Your Sapphire Plus comes with a standard two-year manufacturer's warranty.

If, for some reason your unit requires service under warranty return your Sapphire Plus by special delivery and in suitable packaging to:

The Returns Dept.,  
Performance Products Limited,  
Cleaver House,  
Sarus Court,  
Stuart Road,  
Manor Park,  
Runcorn WA7 1UL.

Tel: 0870 787 0700

Fax: 0870 787 1700

Enclose the following information:

- a) Your name, address and a full description of the problem.
- b) A telephone number where you can be reached during business hours.
- c) Serial number of your unit.

### Disposal of Old Electrical or Electronic Equipment



This symbol on the product indicates that this product shall not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical or electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this Snooper product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local waste authority.