

straboTM

Satellite Navigation • Speed Camera Detection • MP3 Player



USER MANUAL

Developed by



Mapping by





Introduction

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

This user manual aims to provide you with installation and operating instructions for the Strabo S360 & S370..

The Strabo 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 blackspots and fixed 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 Enigma™. The Enigma™ Database is the most comprehensive available, providing cover, not only in the UK and Ireland (S360), but throughout Western Europe as well (S370). The database is constantly monitored and updated by the Enigma™ data collection team, ensuring that you are alerted to every potentially hazardous stretch of road and all fixed speed cameras.

The Strabo S360 or S370 navigation software comes preinstalled as standard on the unit. When necessary, upgrades to this mapping data will be made available for you once every twelve months.



As the Enigma™ camera database changes daily, regular updates to your Strabo are required. Strabo 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 Strabo 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 Enigma™ updates are subject to a subscription charge. Please refer to the subscription and download section of this manual for further details or visit www.Strabo-uk.com

Drive Safely with Snooper!

The Strabo'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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Components Included

The following components come as standard with your Strabo: -

- 1 x Strabo Navigation system
- 1 x Windscreen suction cup bracket
- 1 x 12v DC to 5v DC power lead with cigarette lighter socket adaptor
- 1 x USB Data Cable
- 1 x 240V AC to 5V DC mains power adaptor
- 1 x Download Software Disc (also includes electronic versions of the User Manual and Printable Registration Forms)

PLEASE NOTE

Due to our desire to continually improve our products the specification may change without notice.



strabōTM

Features





Registering your Strabo

IMPORTANT! PLEASE READ BEFORE USING YOUR STRABO

To enable your Strabo to locate Fixed Speed Cameras and Accident Blackspots you will have to register and download the Enigma™ Camera Database.

There are three ways to register your unit:

Register Online

Go to the official website www.Strabo-uk.com and register your unit online. Your unit should normally be activated within 30 minutes of registration.

By Fax

Print and complete the registration form, which can be located on the CD ROM and fax it to 0870 787 1700 between the hours of 9:00am and 5:30pm Monday to Friday. Your unit should normally be activated within one hour.

By Post

If you would like to register by post send the completed registration form to us at the following address.

**Performance Products Limited,
Clever House, Sarus Court,
Manor Park, Cheshire WA7 1UL.**

If you register by post your unit should normally be activated within 24 hours upon our receipt of your completed registration form.

Please Note: To register your Strabo you will need the serial number of your unit and you are required to select from one of two payment options:

One-Off Lifetime Subscription

One up-front payment of £99.95 and receive camera updates via download for the life of the unit. This subscription payment is none transferable and is available to the original owner only.

Pay Monthly by Direct Debit

Six months FREE, and then pay only £4.95 a month! Payment details (Bank Sort Code and Account Number) must be provided at the time of registration. **Minimum subscription period is for twelve months.**

PLEASE NOTE


Due to our desire to continually improve our products the specification may change without notice.

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Quick Start Guide to Navigation

1. Take the Strabo outside, if you haven't already done so, so that the GPS receiver can locate your position. This may take up to 30 minutes the first time the Strabo is used. When satellite lock is achieved the screen displays your current position on its map in a '3D' navigation view.


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

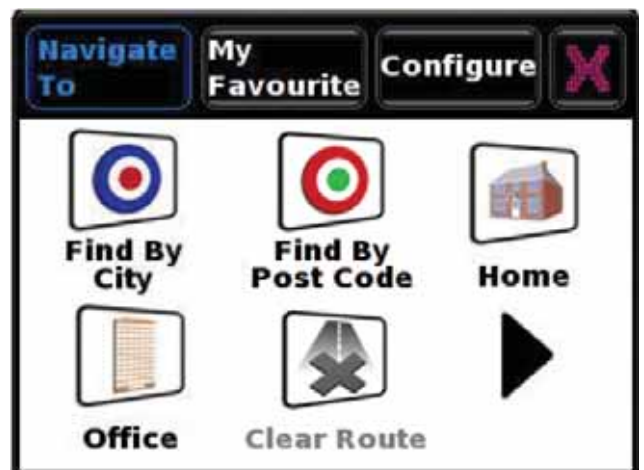
Your position (and direction) is indicated by the  icon.



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



Tip The  icon always means that there are more options to see on the next screen



3. You'll see a standard browser screen, used for entering post codes

Post code

A B C D E F G H

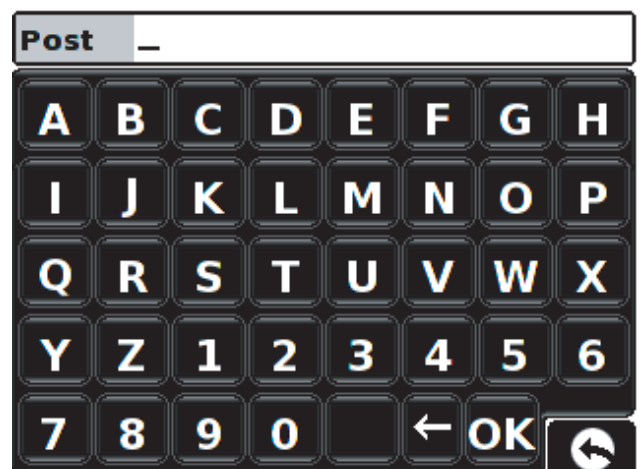
Enter the full UK post code using the keyboard and press **OK**

Tip: Use the blank key  to separate the two segments of the post code.

Tip: For a more accurate navigation you can enter a House number by pressing the 'House No.' key.

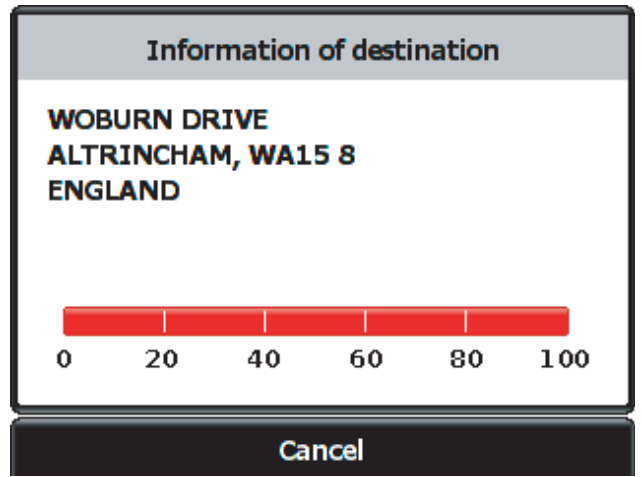
House No.

Country	UK
Post code	WA15 8LZ
Street	WOUBURN DRIVE
House No.	
Calculate	
Map	Route option



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

- Press **Calculate** and the Strabo will calculate the fastest route from your current position to your destination. This should only take a few seconds and its progress is shown on the screen.

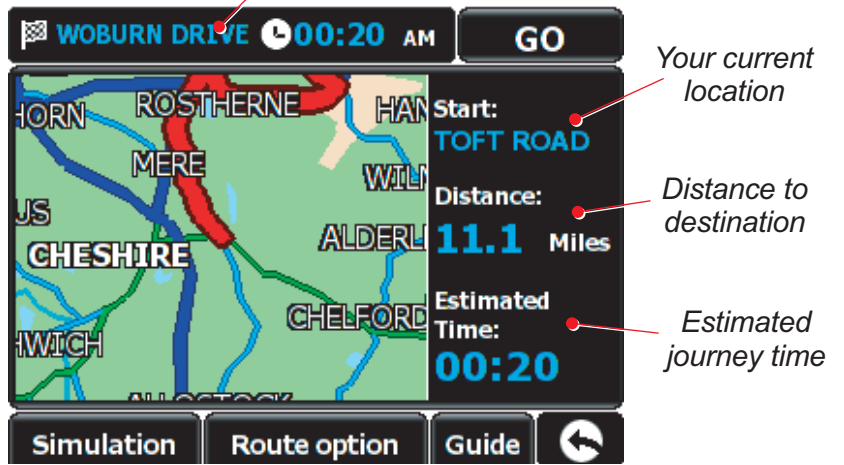


- A journey summary screen will be displayed

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.

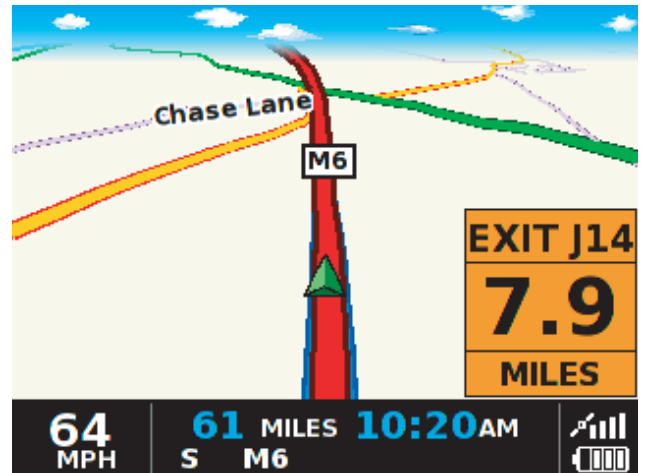


Final Destination and Estimated arrival Time



- 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 Strabo will tell 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'll 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 routing. The Strabo will always give clear instructions that will take you to your chosen destination.



System Requirements and Downloading

Before you can begin to download the database onto your Strabo Plus, you will need to install the Strabo 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

Windows Vista

and, in addition, will only work with Internet Explorer 6 or Netscape Navigator 6 or above.

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

Software Installation Instructions

Place the Software CD into a 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 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 (Win 2K, XP and Vista) before installing the Strabo Updater software. Once the 'Strabo 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 download software updates can be obtained from 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 Strabo. The Strabo download software runs automatically in the background*. This is indicated by the symbol, which can be located in the system tray in the bottom right hand corner of your desktop near the system clock.

***When the Strabo Updater 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 Enigma™ Camera Database

Please Note: You MUST subscribe to this service before you can perform a download.

Performing a download is simple.

1. Connect the AC Power adapter provided to a mains plug socket and attach the other end to the Strabo in the socket marked DC 5V.
2. Power up the Strabo by pressing and holding the power button for 2 seconds and connect the computer to the Internet.
- 3* Right click on the  symbol located in the bottom right hand corner of your desktop in the system tray and left click 'Download Settings'.
- 4* 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.
5. Connect the USB lead to your computer and plug the other end of the lead into your Strabo in the socket marked with the USB symbol on the underside of the unit.
6. The Strabo software will then start to run automatically and download the database files that you have selected onto your unit.

The download process is as follows:

- The software will display the serial number of your Strabo and a green progress bar will start to progress across the screen.
- The software will then connect to our database server and then download** the database.
- The Strabo will then save the data received.
- The software will indicate that the download is complete and will instruct you to disconnect the Strabo from your PC. Note: The software will shut down automatically after 5 seconds if you do not disconnect your unit as instructed.

***You only need to do these steps if you wish to change the data that is downloaded onto the Strabo. 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 Strabo Updater software is trying to access the internet. Please make sure that you grant/allow/permit access to the Strabo 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.



Installing your Strabo

The Strabo comes with a windscreen bracket so that the unit can be mounted onto your vehicles windscreen.

When installing your Strabo please ensure that:

- The unit, with its built in GPS antenna has a clear view of the sky*
- It is located in a position where you can easily view the LCD display without having to take your eyes too far from the road ahead and that you can reach the controls safely.
- Does not interfere with the vehicles controls
- Does not jeopardise the drivers or passengers safety
- You will be able to remove the device to perform downloads.

*Please Note: Some vehicles including Renault, Citroen and Peugeot may come with a 'Heat Reflective', 'Metal Oxide', 'Athermic' or 'Comfort' windscreen which may affect the performance of the built in GPS antenna. If you are unsure what type of windscreen is fitted to your vehicle then contact your local vehicle dealer or manufacturer for further information. In these situations you will need to purchase an extension GPS antenna, which can be positioned either on the rear parcel shelf or outside the cabin of the vehicle. Call 0870 787 0700 and select Option 2 for further details.

PLEASE NOTE: Be careful to choose a location that does not block the drivers view or where it might endanger the driver or passengers should your vehicle suddenly come to a stop or be involved in an accident.

DO NOT leave the unit in view when the car is stationary during hot conditions. Exposing the Strabo to extremely high temperatures can temporarily impair performance. Keep the Strabo out of sight when not in use to help avoid potential theft

Installing your Strabo using the Windscreen bracket

You can mount your Strabo to the inside of your vehicles windscreen using the windscreen bracket provided.

- Simply select a position within the windscreen so that the top of the unit has a clear view of the sky, remembering that you may need to connect the power connection cable as well as ensuring that you can read the LCD display and reach the controls safely. Follow these instructions to mount the unit in this way.
- Clean the area where you wish to position the bracket thoroughly with a good quality glass cleaner. This allows a more secure seal on the windscreen.
- Place the suction cup and bracket on the windscreen and push the locking lever down to secure the bracket.
- Adjust the angle of the bracket so that when the unit is attached to it you can view the display and operate the controls safely.
- Position the Strabo onto the bracket, by inserting the bottom of the Strabo first 'A' squeezing the buttons on the side 'B' and pushing the square block into the back of the unit. Release the buttons to lock in place.
- To remove the Strabo, simply squeeze the buttons 'B' and pull the unit away from the holder.



The unit can be powered directly either from its internal battery if it's fully charged or powered from the cigarette lighter socket. To use the cigarette lighter socket, plug the smaller plug on one end of the power cable into the socket marked DC 5V IN on the side of the Strabo and plug the larger plug into the cigarette lighter socket of your vehicle.

Please note that no power cable other than the one provided with the Strabo should be used. Strabo operates on 5V DC and the power cable included is specifically designed to provide this voltage and to charge the internal battery. Using an alternative power cable will damage the unit and void the warranty.

Power Connection & Charging

Powering and charging your Strabo from the cigarette lighter socket

The Strabo comes with a power cable designed to plug into your vehicles cigarette lighter socket. This lead will power the device but will also charge the Strabo's internal battery. Take the lead and plug the smaller end into the DC 5V input socket on the side of the Strabo and plug the cigarette lighter adaptor into your vehicles cigarette lighter socket. Press and hold the standby power button on the top of the unit for two seconds to activate the device. If the Strabo is powered using the cigarette lighter socket the battery icon to the bottom right hand corner of the screen will scroll indicating that the battery is being charged.

Please Note: Do not leave your Strabo plugged into the cigarette lighter socket when you start your vehicle. The cigarette lighter socket is prone to power surges as the vehicle is started and this may cause damage to your unit.

If the device does not power up please check that the cigarette lighter socket is clean of any debris, remembering not to insert metal objects into the socket. Check that the cigarette lighter adaptor is inserted all the way into the socket and check that the fuse in the cigarette lighter adaptor is operational. If your Strabo will still not power up, please check that the cigarette lighter in your vehicle is functioning correctly.

Replacing the Fuse

If the Strabo stops operating, the fuse in the cigarette lighter plug may have blown – the Green LED on the cigarette lighter plug will not be illuminated. If it has blown, follow these steps and replace it with a 3 amp, 5 x 20mm fast acting fuse. Caution: Using a fuse that does not meet these ratings or defeating fuse protection can damage your unit, the power cable, or the vehicles electrical system.

1. Grasp the ring near the tip of the cigarette lighter plug, and then carefully unscrew the ring by turning it counter clockwise. Caution: If you must use pliers to loosen the ring, be careful not to crush the tip. Never use pliers or other tools to retighten the ring on the cigarette lighter plug.
2. Pull the ring straight out, then remove the metal tip and old fuse.
3. Check the fuse to see if it has blown. If it has, replace it.
4. Replace the metal tip inside the ring, then place the fuse inside the cigarette lighter plug and screw the ring back onto the plug. Make sure the metal tip is visible when you reassemble the cigarette lighter plug.

Charging the internal battery

Although the Strabo can be charged using the cigarette lighter in your vehicle, a complete charge is more easily achieved by using the 240V AC mains charger included. When new, the battery in your Strabo only contains a very small charge. To charge the unit, connect the 240V AC mains charger as indicated in the picture on the right. The Strabo will take approximately 3 hours to charge.

Once fully charged the battery will last approximately 3 hrs during normal use.

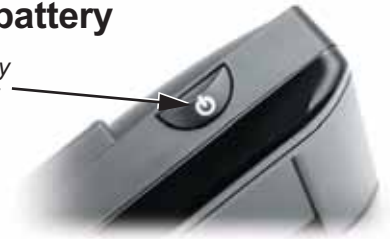
Note: The new battery's full performance is only achieved after two or three complete charges and discharges.



Powering the Strabo using the built-in battery

Once the Strabo has been fully charged it is ready for use. Press and hold the standby power switch on the top side of the unit for 2 seconds to activate the device.

Standby
power
switch



Reset Button

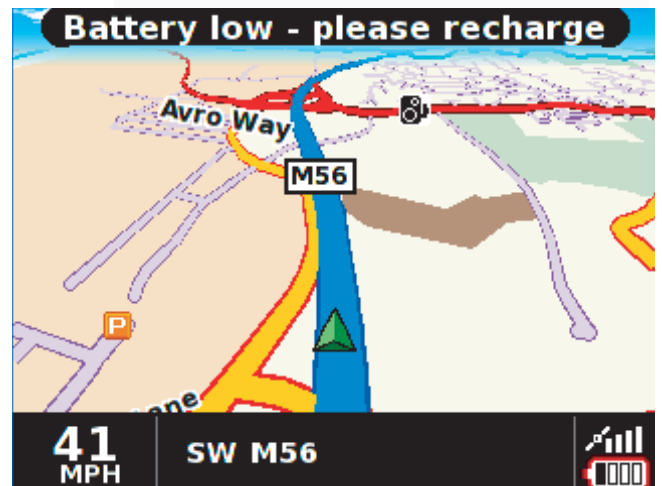
In the unlikely event that you need to reset the Strabo system software, press and hold the Reset button located on the rear of the device for 2 seconds. Please note that you may lose your personal settings during the reset period including any addresses stored in your Favourites, Home and Office folders. Therefore only use the reset button if absolutely necessary.

Reset button



Low Battery Warning

If the Strabo is powered from the internal battery and the 'Battery Low' warning is displayed on the screen, the Strabo has approximately 20 to 30 minutes of battery power remaining. You should either connect the cigarette lighter adaptor lead or recharge the battery from the mains adaptor supplied



WARNING. PLEASE DO NOT USE OR LEAVE THE STRABO IN WET OR HUMID CONDITIONS OR IN EXTREME TEMPERATURES AS THIS COULD PERMANENTLY DAMAGE THE UNIT AND THE BATTERY.

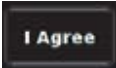
WHEN NOT USING THE STRABO DO NOT LEAVE THE UNIT ATTACHED TO THE WINDSCREEN ESPECIALLY WHEN THE WEATHER IS WARM SO AS TO AVOID DAMAGE TO THE UNIT AND THE RISK OF POTENTIAL THEFT

CAUTION: THERE IS A RISK OF EXPLOSION IF THE BATTERY IS REPLACED WITH AN UNAPPROVED TYPE. USING THE WRONG TYPE OF BATTERY MAY DAMAGE YOUR UNIT AND INVALIDATE YOUR WARRANTY. ONLY SNOOPER AUTHORISED PERSONNEL SHOULD REPLACE THE BATTERY. PLEASE DISPOSE OF USED BATTERIES ACCORDING TO LOCAL WASTE MANAGEMENT RULES AND REGULATIONS. FURTHER INFORMATION CAN BE FOUND LATER IN THIS USER MANUAL.

Operating Instructions

1. Starting Up

Once you have synchronised the 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 power the unit up pressing and holding the standby power switch on the top of the unit for 2 seconds.

The following warning will be displayed. Please read the warning and press  to continue.

Whilst the Strabo software is loading a start-up display will be shown for just a few seconds and then the screen will show a section of a map. The Strabo needs to acquire a minimum of four satellites in order to work. Once this has been achieved the Strabo 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 to the bottom right hand corner of the display. The Strabo is now ready to navigate.

Information

Please do not operate the controls of Strabo 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 Strabo.

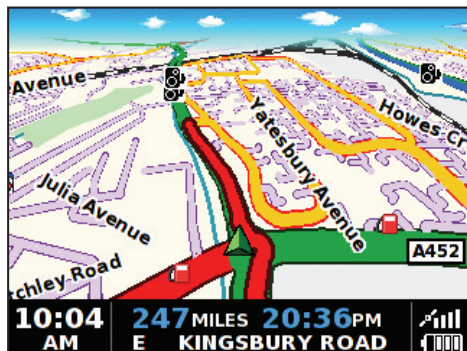


As the GPS engine and antenna have never been used before, the first 'Cold' start could take anywhere from 15 – 50 minutes to establish a satellite connection. Once initialised, subsequent start ups will take less time and eventually should take only a matter of minutes.

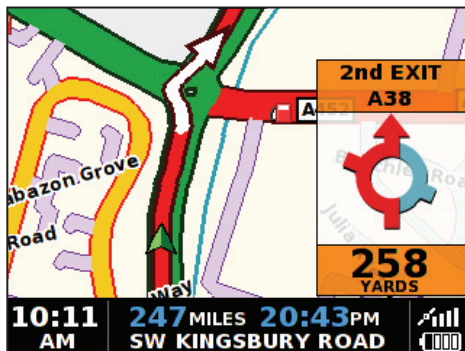
2 Easy Set Up

2.1 Screen settings

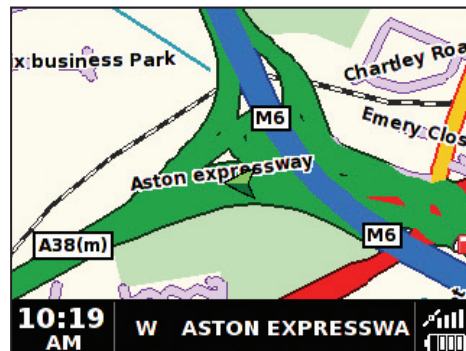
There are a number of map views or different types of information that can be displayed on the screen at any one time:- North, 2D or 3D



3D



2D



North



Current time or vehicle speed - press to switch between the two.



Distance to destination



Estimated journey time or Estimated time of arrival - press to switch between the two



GPS Signal strength

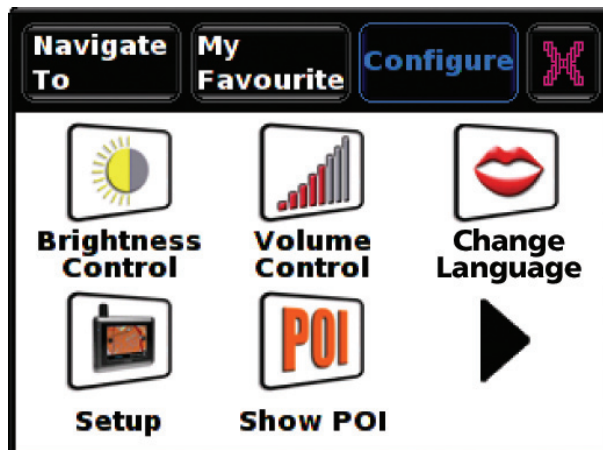
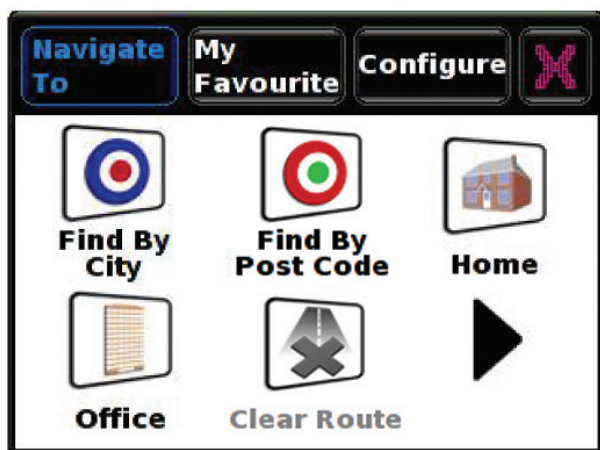


Battery status

To modify the information shown:

Access the Menu by simply touching the Strabo 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 'OK' 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 Strabo. If you want to switch between your Current Speed and the Atomic Clock or the Estimated Time of Arrival and Time to Destination during your journey simply touch the screen where either piece of 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.

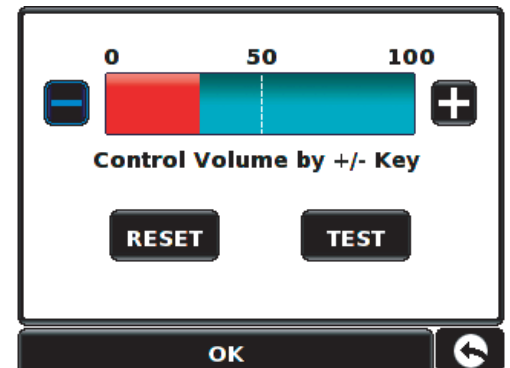
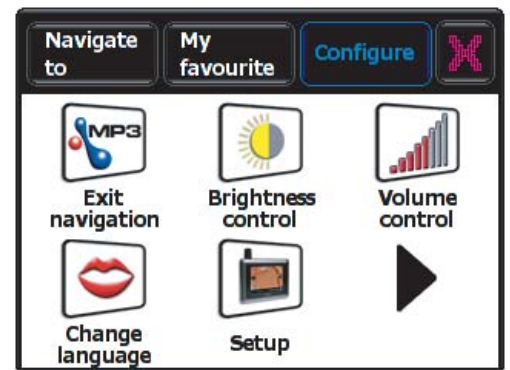


2.2 Volume Control

The Strabo 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 arrow 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



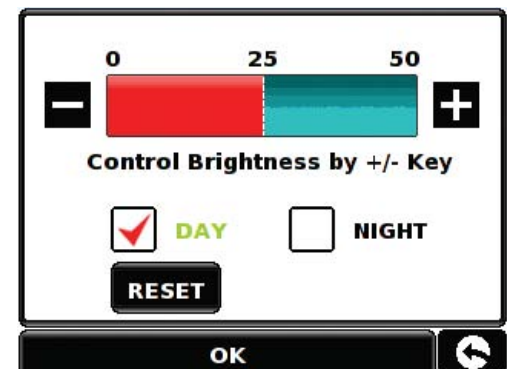
2.3 Brightness Control

The Strabo 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 'Configure' 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 for 'NIGHT' and follow the same procedure. Once you have selected the desired brightness press the 'OK' button at the bottom of the screen.



Note: The arrow 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.

Navigate To

3. Planning a route

To enter the Navigation menu simply touch the centre of the Strabo display with your finger.

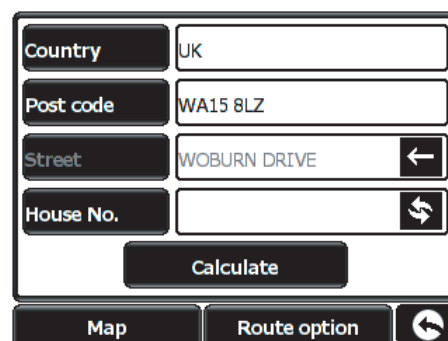
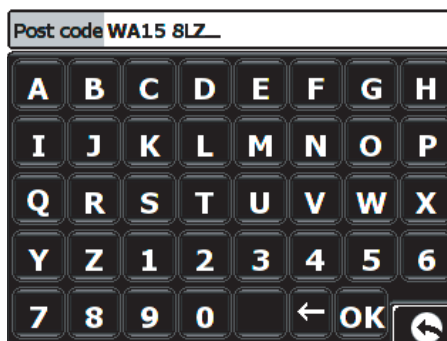
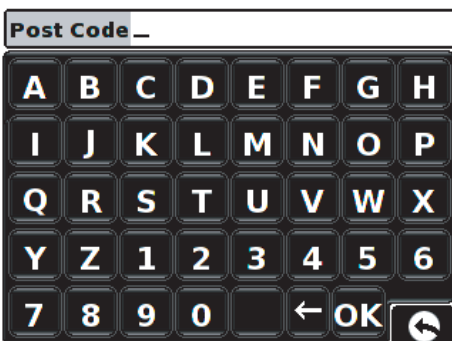
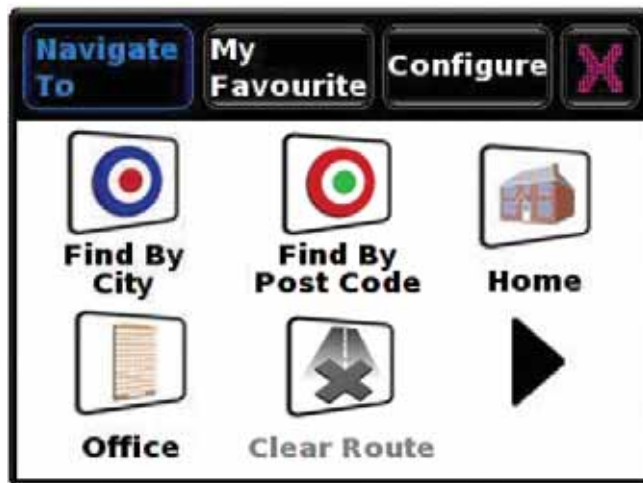


Find By Post Code

- 3.1 Press the centre of the screen to access the 'Navigate to' menu.
- Press the 'Find by Post Code' icon.
- If you have the European version of the Strabo (S370), you will need to select the 'Country' 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 'Post code' and enter the full postcode using the onscreen keyboard.
- Press the 'OK' button on the keyboard.



Please Note: The button on the keyboard with no character on it is the 'Space' key. A space between the two parts of the postcode **MUST** be entered in order for the postcode to be recognised.

If the following message is displayed '**Please, input correct postcode**', the postcode has been entered incorrectly. Press OK and retype the postcode.

- The Strabo 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.

User advice

By subscribing to and downloading the Enigma™ Speed Camera database you will automatically be alerted to all 'Fixed' 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.





Find By City

3.2

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.

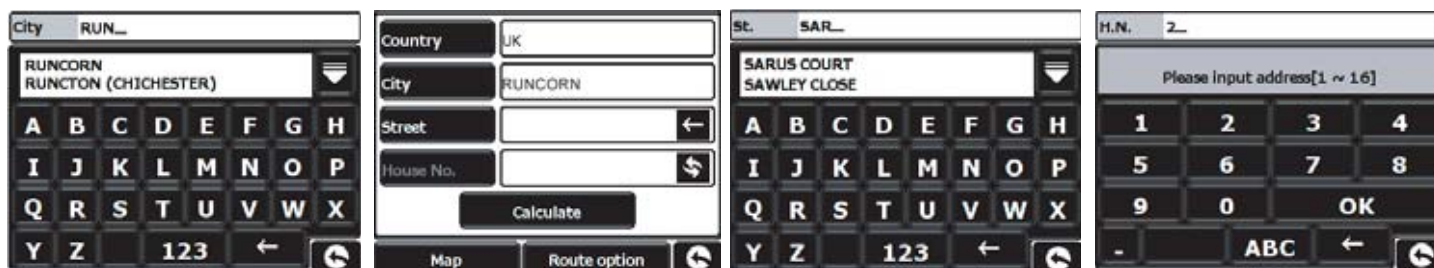
- Press the centre of the screen to enter the 'Navigate to' menu.
- Press the 'Find by City' icon.
- If you have the European version of the Strabo (S370), you will need to select the 'Country' first BEFORE typing the city. (If the correct country is already displayed, go to the next step). Use the arrow keys on the right of the display to scroll up and down the country options. Select the country with your finger.
- Next press 'City' and enter the city name using the keyboard displayed.

As you begin to input the city name, the Strabo 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 'Street' and use the keyboard displayed to type in the street name.

As you begin to input the road or street name, the Strabo 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 'House No.' and then typing the house number on the keyboard. Once the house number has been selected, press the 'OK' button.
- Press the 'Calculate' button.



Once you have entered your information you can now press the 'Calculate' button and your Strabo will calculate a route ready for you to navigate to. 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.



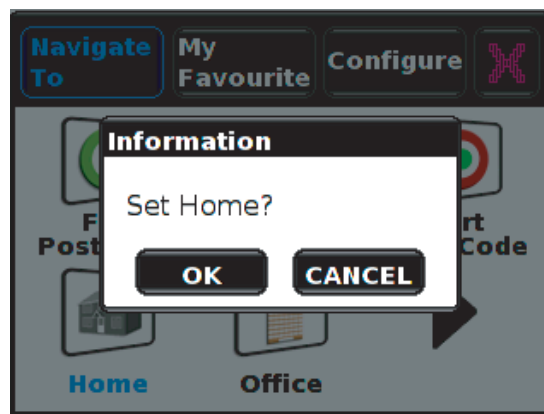
3.3 Home

You can navigate easily and quickly from a previous journey or destination to your home, by personalising your Strabo 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 enter the 'Navigate to' menu.
- Press the 'Home' icon.

The first time the 'Home' function is used an information screen is displayed saying 'Set Home? Press 'OK' in the information window to continue, press cancel to exit. If 'Home' has already been set it can be edited in My Favourites – refer to section 4 on page 25.



- You can search for your address by using one of the following options: 'Find Address by City' or 'Find by Post Code'. Please refer to 3.1 and 3.2 above on how to use these functions.

Once you have entered the 'Home' destination, a new field is available for you to 'Name' the destination.

- Press 'Name' and a keyboard will be displayed with the road name you selected.
- Press the 'Arrow' 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 'Save' once you have entered the name.

Once your home address has been saved, your Strabo 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 enter the 'Navigate to' menu.
- Press the 'Home' icon.

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



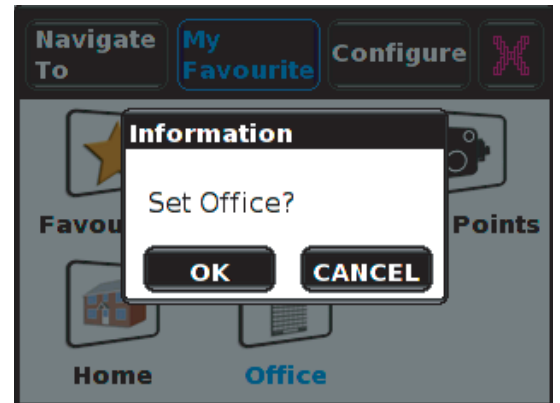
3.4 Office

You can navigate easily and quickly from a previous journey or destination to your office or place of work, by personalising your Strabo 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 enter the 'Navigate to' menu.
- Press the 'Office' icon.

The first time the 'Office' function is used an information screen is displayed saying 'Set Office? Press 'OK' in the information window to continue, press cancel to exit. If 'Office' has already been set it can be edited in My Favourites – refer to section 4 on page 25.



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

'Find Address by City' or 'Find by Post Code'. Please refer to 3.1 and 3.2 above on how to use these functions.

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

- Press 'Name' and a keyboard will be displayed with the road name you selected.

Press the 'Arrow' 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 'Save' once you have entered the name.

Once your office address has been saved, your Strabo 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 enter the 'Navigate to' menu.
- Press the 'Office' icon.

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



Recent Route



or **Clear Route**

3.5 Recent Route or Clear Route

The Strabo 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 calculate a route using the 'Recent Route' function, press the centre of the Strabo's display to enter the 'Navigate To' menu. Press the Arrow ► icon and then select the 'Recent Route' icon. The Strabo 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, access the Menu by pressing the centre of the Strabo's display, press the Arrow ► icon and then select the 'Clear Route' icon. The route will then automatically be deleted.


**** 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 move to the next screen



Find By Favourites

3.6 The Strabo has the capacity to store up to 100 user locations. To add your favourite locations see section 4.1 on page 27. To navigate to one of your stored locations press the centre of the Strabo's display to enter the 'Navigate To' menu. Press the Arrow ► and then select 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 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.

To change the route parameters press 'Route Options' (see Route Options on page 35 for specific instructions). To return to the information page press 'Done'.

Press 'Calculate' and the Strabo will now calculate the route to your selected favourite. Once the calculation is complete the summary screen is displayed. You can either press 'Go' to start navigation, 'Simulation' to see the actual route, 'Route Options' to change the parameters of the route or 'Guide' which will list the turn by turn instructions.




Recent Destination

3.7 The Strabo 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 the 'Recent Destination' function, touch the centre of the Strabo's display to access the 'Navigate To' menu, press the Arrow ► and then select the 'Recent Destination' icon.

A list of your most recent routes will be shown in chronological order, use the down arrow on the right hand side of the display to scroll through the list and select the destination you would like the Strabo to navigate to. An 'Information Of Destination' screen will appear confirming the address you have selected.

If you would like to view a map of the recent destination, press 'Map'. To return to the 'Information Of Destination' page press the return arrow  located in the bottom right hand corner of the display. If you would like to change any of the route parameters press 'Route Option' (see Route Option on page 35 for specific instructions). To return to the 'Information Of Destination' page press 'Done'.

Press 'Calculate' and the Strabo will now calculate the route to your selected recent destination. Once the calculation is complete the summary screen is displayed. You can either press 'Go' to start navigation, 'Simulation' to see the actual route, 'Route Options' to change the parameters of the route or 'Guide' which will list the turn by turn instructions.



Find By POI (Points of Interest)

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

To navigate using this database:

- Press the centre of the screen to access the 'Navigate to' menu.
- Press the black arrow once.
- 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 options.
- Next press 'City' and enter the city name using the keyboard displayed.

As you begin to input the city name, the Strabo 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 'Category' and enter the category type using the keyboard displayed.

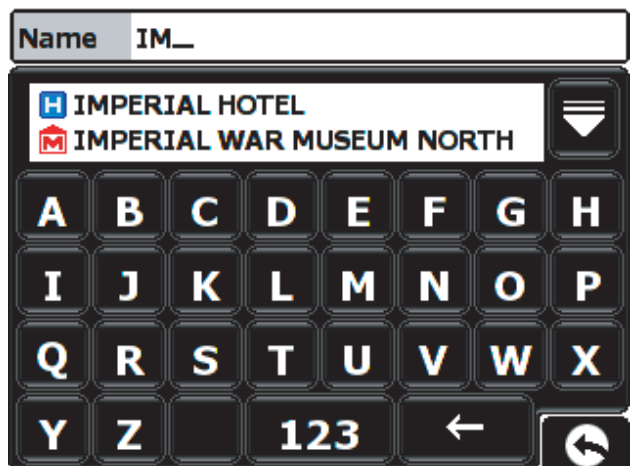
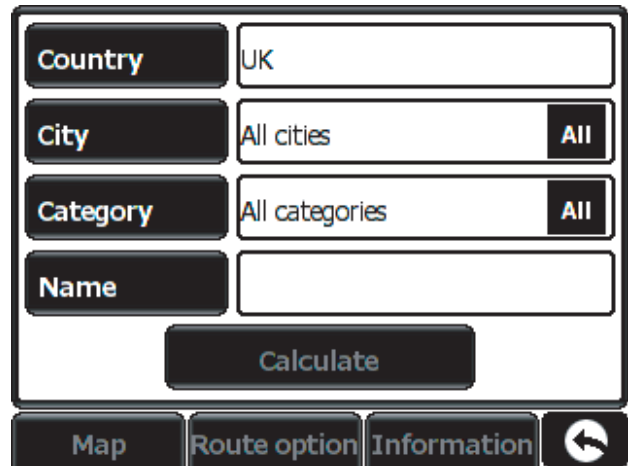
If you do not know which category to type you can press the down arrow to the right of the lower window and all the category types will be displayed in alphabetical order. Use the arrows to the right of the display to scroll up and down through the category options. Once you find the category you are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

- Press 'Name'. 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 35 for specific instructions).
- Press 'Information' 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 'Current Position'

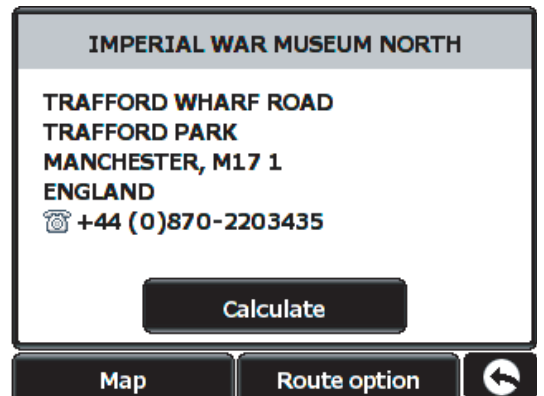
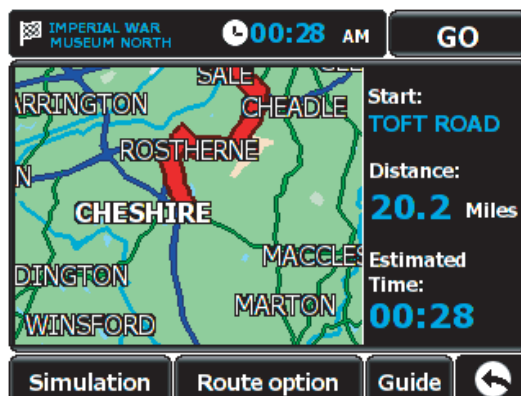
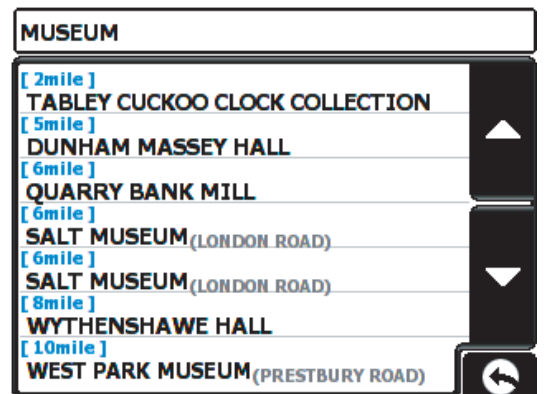
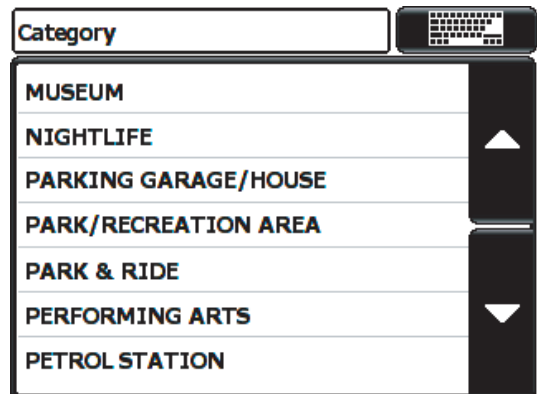
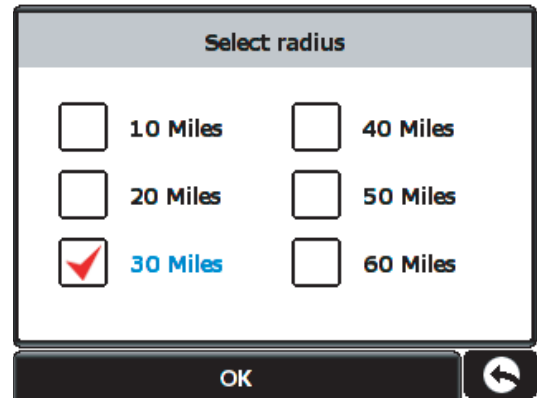
- Press the centre of the screen to enter the 'Navigate to' menu.
- Press the black arrow once.
- Press the 'Find by Nearest POI' icon.
- Select 'Current Position'
- Select the maximum radius you wish the unit to search for (the default setting is 30 miles) and then press 'OK'
- Press 'Category' and 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.

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

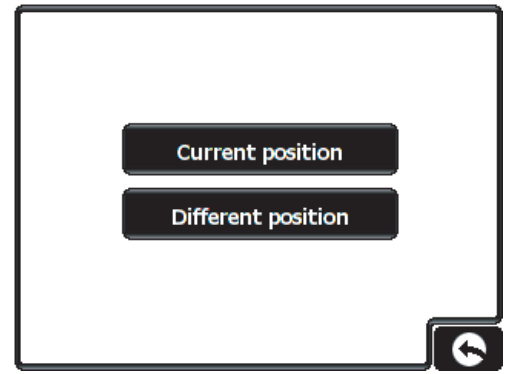
- To start the journey press 'Calculate'
- To view the location of the POI, press 'Map'.
- To change the route parameters press 'Route Option' (see Route Options on page 35 for specific instructions).
- To return to the previous page press the return arrow located on the bottom right hand corner of the 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.



3.9.2 To navigate using a 'Different Position'

- Press the centre of the screen to enter the 'Navigate to' menu.
- Press the black arrow once.
- Press the 'Find by Nearest POI' icon.
- Select 'Different Position'
- 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 options.
- Next press 'City' and enter the city name using the keyboard displayed.



As you begin to input the city name, the Strabo 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 'Street' and use the keyboard displayed to type in the street name.

As you begin to input the road or street name, the Strabo 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.

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

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

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 35 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.



Find By Map

3.10

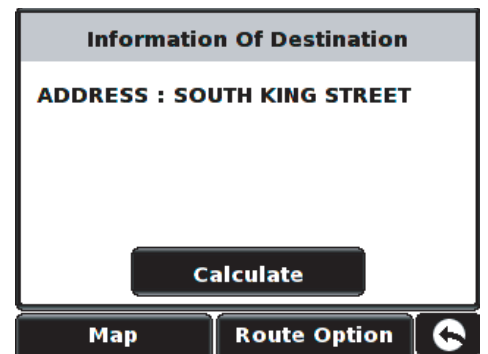
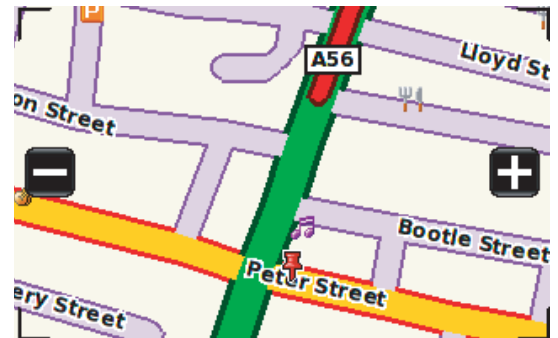
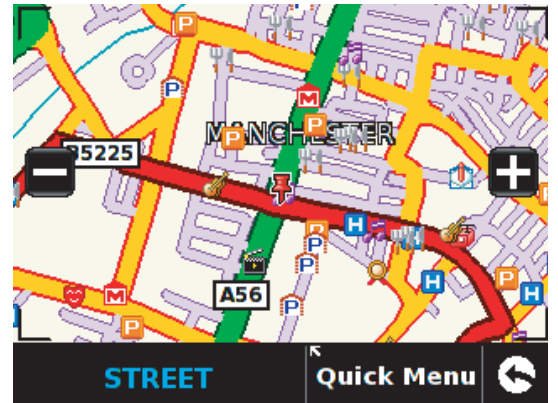
This function allows you to select a destination by simply pressing any area of the map stored within your unit. You can create a route to a location by viewing the map and selecting a road with your finger. To navigate using this facility touch the centre of the Strabo's display to access the menu, press the Arrow ► and then select the 'Find by Map' icon as shown.

The screen will show a section of the map.

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 target, simply press on the road of the map you would like to navigate to and the road selected will be displayed to the bottom left hand corner of the screen.

If you are happy with your selection press the 'Quick Menu' button and then 'Continue' and an 'Information of Destination' screen will be displayed.



If you would like to view the map again, press 'Map'. To return to the 'Information of Destination' page, press the return arrow ◀ located in the bottom right hand corner of the display. If you would like to change any of the route parameters press 'Route Option' (see Route Option on page 35 for specific instructions). To return to the 'Information of Destination' page press 'Done'.

Press 'Calculate' and the Strabo will now calculate the route to your selected destination. Once the calculation is complete the summary screen is displayed. You can either press 'Go' to start navigation, 'Simulation' to see the actual route, 'Route Options' to change the parameters of the route or 'Guide' which will list the turn by turn instructions. This screen will also tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

Press the ► to move to the next screen



3.11 Re-Route

The Strabo can recalculate your route by avoiding certain roads or redirecting you by distance. This facility only becomes available once you have calculated your route. To perform a re-route press the centre of the Strabo's display to enter the menu then press the ► Arrow twice and then select 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 utilise this feature on your Strabo 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 number you wish to avoid then you can use this option. Press 'Avoid by Road Name' and 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.

The Strabo automatically recalculates the route to your selected destination. Once the recalculation is complete the summary screen is displayed. You can either press 'Go' to continue navigation, 'Simulation' to see the actual route, 'Route Options' to change the parameters of the route (see Route Option on page 35 for specific instructions) or 'Guide' which will list the turn by turn instructions. This screen will also 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 plotted by the Strabo, then this facility 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 facility press the 'Avoid by Range' button and 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 see 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 Strabo will automatically re-calculate your route.

Once the re-calculation is complete the summary screen is displayed. You can either press 'Go' to continue navigation, 'Simulation' to see the actual route, 'Route Options' to change the parameters of the route (see Route Option on page 35 for specific instructions) or 'Guide' which will list the turn by turn instructions. This screen will also 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.

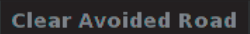
3.11.3 Clear Avoided Road

If you do not wish to use the alternative routes offered by the Strabo and you wish to return to the original calculated route, press the 'Clear Avoided Road' button and the original route plotted by the Strabo will be restored.

Once the re-calculation of the original route is complete the summary screen is displayed. You can either press 'Go' to continue navigation, 'Simulation' to see the actual route, 'Route Options' to change the parameters of the route (see Route Option on page 35 for specific instructions) or 'Guide' which will list the turn by turn instructions. This screen will also 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 Strabo 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' and 'Avoid by Range' have not been used this feature is unavailable and the button will be greyed out.  out.



Route Description

After a route has been calculated and the journey has started you can access the summary display again by using this facility.

To view the summary screen press the centre of the Strabo's display to enter the menu then press the Arrow  twice, then select the 'Route Description' icon.

In order to utilise this feature on your Strabo you will need to have entered and calculated a route. If the Route Description icon is greyed out a route has NOT been entered.



From the summary display you can either press 'Go' to return to navigation, 'Simulation' to see the actual route, 'Route Options' to change any of the parameters of the route (see Route Option on page 35 for specific instructions) or 'Guide' which will list the turn by turn instructions. This screen will also 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 consists of locations that you visit frequently and that you want to be able to travel to without having to enter the address details each time. Some users may find it useful to store a number of their more common routes in a 'Favourites' folder.



4.1 Favourites

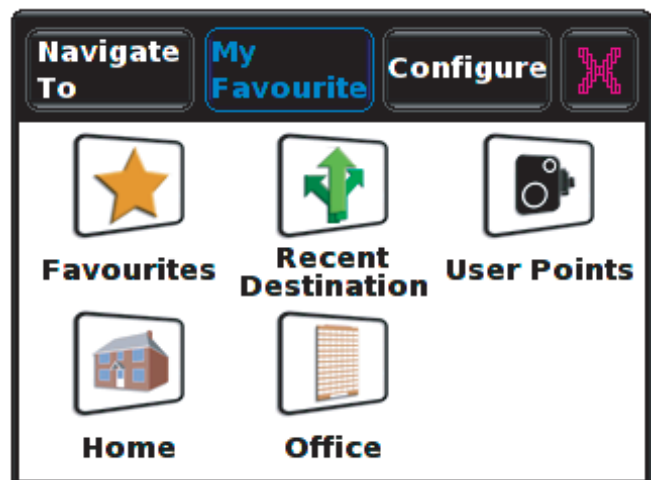
This function allows you to store a number of your more common destinations. You can store up to a maximum of 150 different destinations.

4.1.1 Add a favourite destination

- Press the centre of the screen to access the 'Navigate to' menu.
- Press 'My Favourite' at the top of the display.
- Press the 'Favourites' icon.
- Press 'Add'.

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

- Find address by City
- Find address by post code
- Find by POI
- Find by recently used
- Save using current point



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 'Name' and a keyboard will be displayed with the road name of the destination you selected.
- Press the 'Arrow' key to erase this data then input the new name using the keyboard.
- Press 'Save' 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 screen to access the '**Navigate to**' menu.
- Press the '**Find by favourites**' icon.
- Select the favourite destination you wish to use.

4.1.3 Editing/Deleting a Favourite

- Press the centre of the screen to access the '**Navigate to**' menu.
- Press '**My Favourite**' at the top of the display.
- Press the '**Favourites**' icon.
- Select the favourite destination you wish to edit/delete.

4.1.4 To delete ALL favourites

- Press the centre of the screen to access the '**Navigate to**' menu.
- Press '**My Favourite**' at the top of the display.
- Press the '**Favourite**' icon.
- Press the 'Delete All' button – an information box will be displayed with '**Delete All?**' and the options of '**OK**' and '**Cancel**'.
- Press the '**OK**' button and ALL the favourites will be deleted.



Recent Destination

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

4.2.1 To delete individually stored recent destinations

- Press the centre of the screen to access the '**Navigate to**' menu.
- Press '**My Favourite**' at the top of the display.
- 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 '**Delete**' 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.

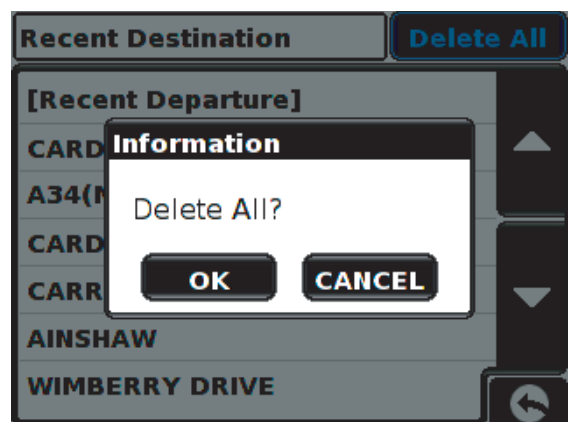
4.2.2 To delete ALL stored recent destinations

- Press the centre of the screen to access the '**Navigate to**' menu.
- Press '**My Favourite**' at the top of the display.
- Press the '**Recent Destination**' icon.
- Press the '**Delete All**' button – an information box will be displayed with '**Delete All?**' and the options of '**OK**' and '**Cancel**'.
- Press the '**OK**' button and ALL the recent destinations will be deleted.



Saving User Points


4.3 This function can be used to edit or delete any or all user stored locations that you can store in the Strabo. The unit has the facility of storing up to 100 user locations.

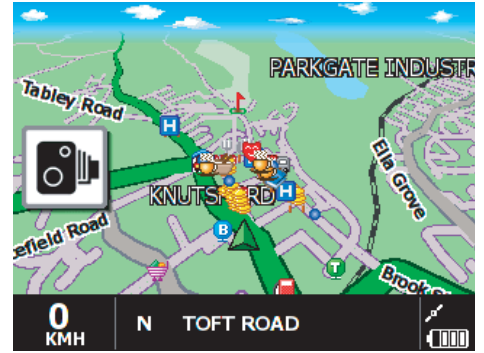


4.3.1 Activating the User Point Button

Before you can store user points onto your Strabo, you need to activate the button that will allow you to do this.

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press **'Configure'**.
- Press the black arrow twice
- Press **'Save user point'**.

The screen will then display **'Show user point button?'** Press the box next to **'Yes'** to activate it. Press **'OK'** at the bottom of the display to save your setting. You will now see the  icon displayed on the screen.



To save a coordinate simply press the icon when you are at the location you wish to save. Please ensure that you do this while parked in a safe position and remember that it is illegal to operate any of the controls of your Strabo whilst driving.

After you have pressed the User point button, follow the on screen instructions to save it. Please read the following section on how to manage your User points after they have been saved.

4.3.2 Editing user points

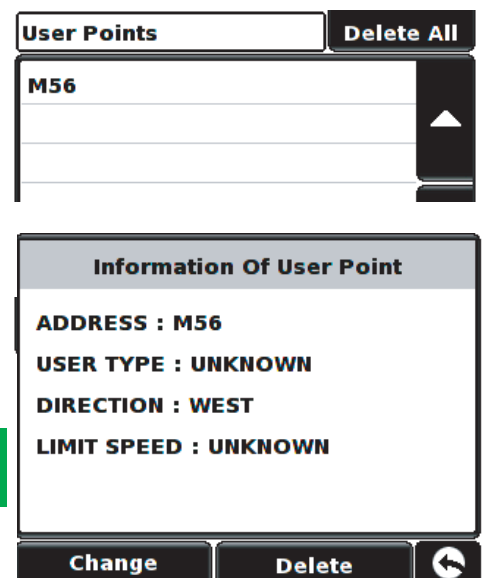
Once a user point has been stored onto the Strabo the location requires editing so that the correct alert will be given when you approach the user stored coordinate. To edit the user point:

- Press the centre of the display to enter the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'User Point'** 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 **'user point type'** that corresponds to the location. To see more types press the arrow 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.



4.3.3 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 enter the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'User Point'** 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 **'Arrow'** 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.

4.3.4 Delete individually stored user points

- Press the centre of the display to enter the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'User Point'** icon
- Select the user point you wish to delete.

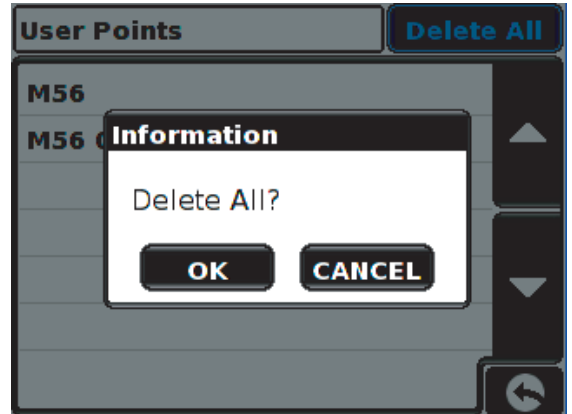
You can scroll through the list of user points by using the up, down arrows located on the right hand side of the display.

- 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 the return arrow located in the bottom right hand corner of the display to go back to the list and reselect the correct user point for deletion.

4.3.5 To delete ALL stored user points

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'User points'** icon.
- Press the **'Delete All'** button – an information box will be displayed with **'Delete All?'** and the options of **'OK'** and **'Cancel'**.
- Press the **'OK'** button and ALL the stored user points will be deleted.



4.4 Home

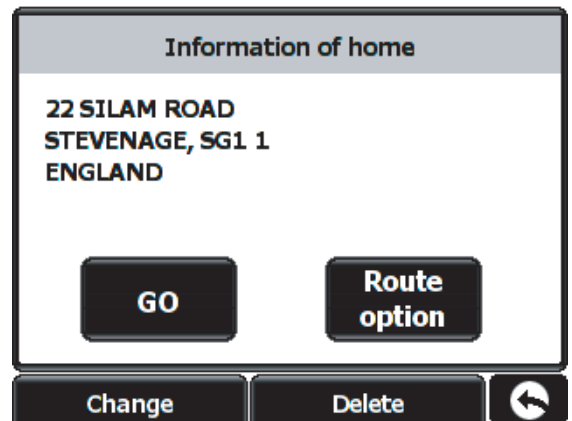
To set up and use this function was explained in Section 3.3 earlier in the manual. When this function is accessed from the **'My Favourite'** menu, you are able to change the **'Home'** location (for example if you move house) or to delete the **'Home'** location.

4.4.1 To change the home location

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Home'** icon.
- Press the **'Change'** button.

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

- Find address by City
- Find address by post code
- Find by POI
- Find by recently used
- Save using current point



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 **'Arrow'** key to erase this data then input the new name using the keyboard.
- Press **'Save'** 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.

4.4.2 To delete the home location

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Home'** icon.
- Press the **'Delete'** button – an information box will be displayed with **'Delete home?'** and the options of **'OK'** and **'Cancel'**.
- Press the **'OK'** button and the **'Home'** location will be deleted.

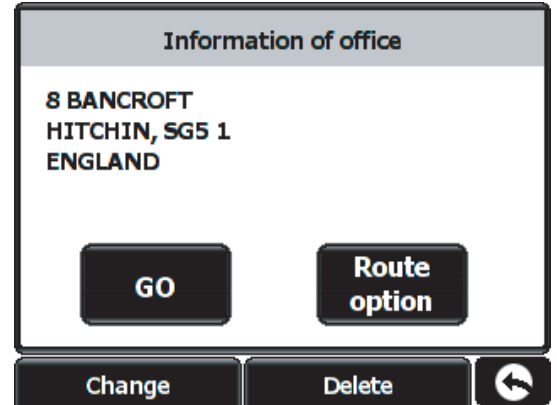


4.5 Office

To set up and use this function was explained in Section 3.4 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 screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Office'** icon.
- Press the **'Change'** button.



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

- Find address by City
- Find address by post code
- Find by POI
- Find by recently used
- Save using current point

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 **'Arrow'** key to erase this data then input the new name using the keyboard.
- Press **'Save'** 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.

4.5.2 To delete the office location

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Office'** icon.
- Press the **'Delete'** button – an information box will be displayed with **'Delete home?'** and the options of **'OK'** and **'Cancel'**.
- Press the **'OK'** button and the **'Home'** location will be deleted.

4.6 Advanced - Setting your Home or Office address using **'Save using current point'**

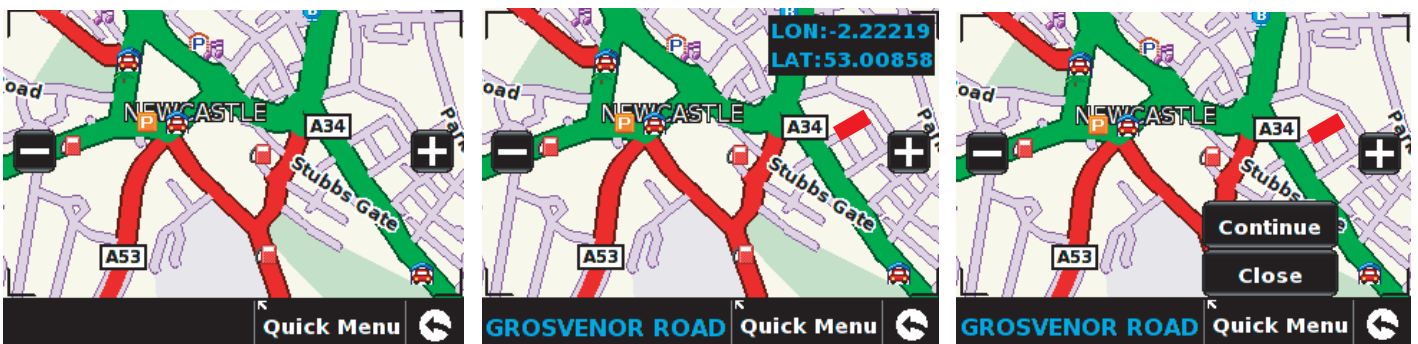
It is also possible to create a **'Home'** and **'Office'** location using your current coordinates if you are situated at your home or office whilst setting up your unit.

- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Home'** or **'Office'** icon.
- Press the **'Change'** button.
- Press **'Save using Current Point'**.

A map will displayed with a road highlighted in red closest to your current position. The name of the road selected will be displayed at the bottom of the display. If this is not correct, select the correct road with your finger.

- Press **'Quick Menu'** and **'Continue'**.
- Press **'OK'**

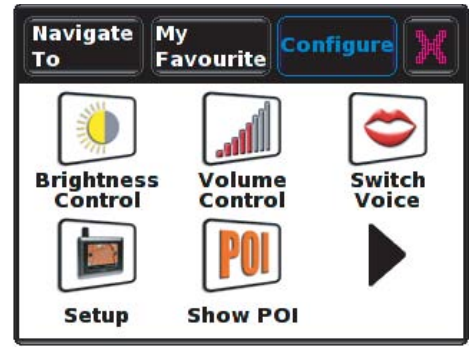
The Strabo will automatically save this location as your **'Home'** or **'Office'** destination.



Configure

5.0

The 'Configure' menu is used to customise the operation and appearance of your unit. To access the 'Configure' menu simply touch the centre of the Strabo's display with your finger and press the 'Configure' button at the top of the display.



Brightness Control

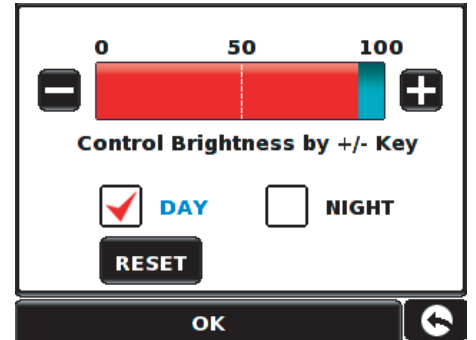
5.1

The Strabo 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 'Navigate to' menu.
- Press the 'Configure' button.
- Press the 'Brightness Control' icon.

To set the daytime brightness select 'DAY' by checking the tick box with your finger and then use the + and - buttons to adjust the setting.

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



Please note: If 'Day' is ticked when you press 'OK' at the bottom of the display the Strabo will retain this setting when the unit is switched OFF. The same also applies if 'Night' is ticked.

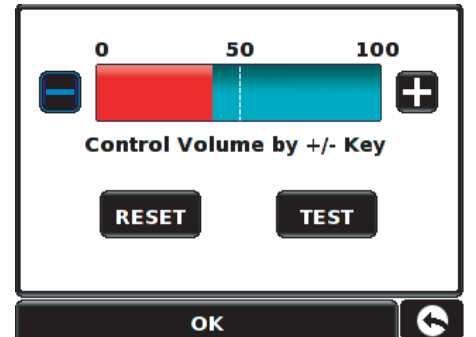


Volume Control

5.2

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

- Press the centre of the screen to enter the 'Navigate to' 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.



Change Language

5.3

Your Strabo 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 enter the 'Navigate to' 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.



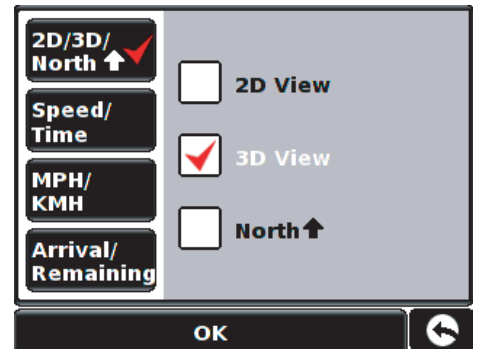


5.4 Setup

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 enter the 'Navigate to' menu.
- 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.

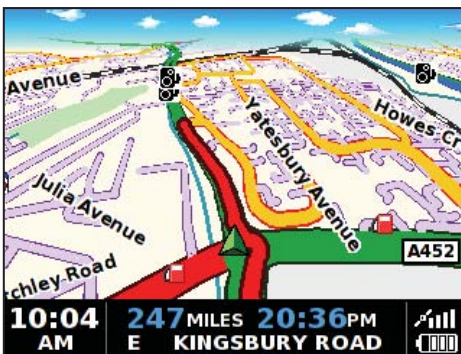
There are number of different pieces of information that you can have displayed on the navigation screen at any one time as follows:



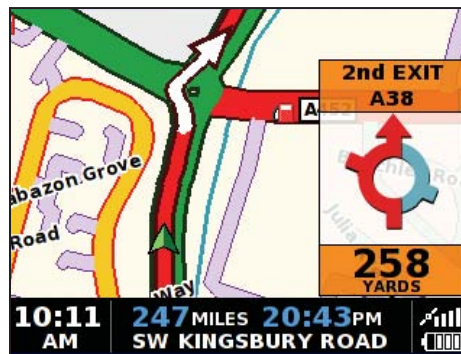
5.4.1

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.

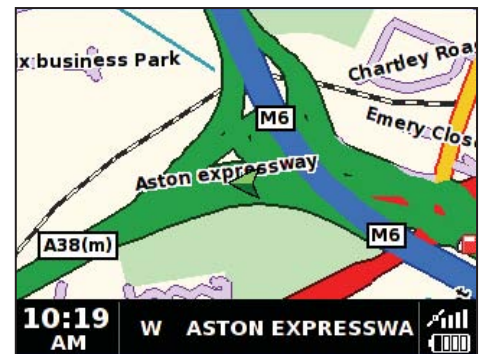
This facility customises the map view between



3D

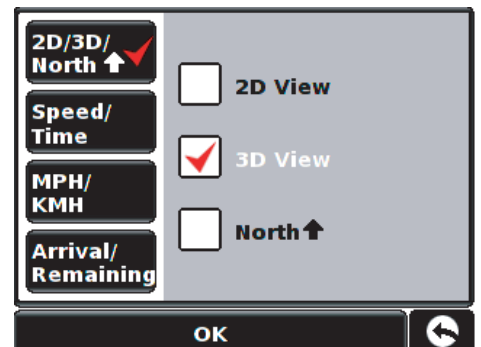


2D



North

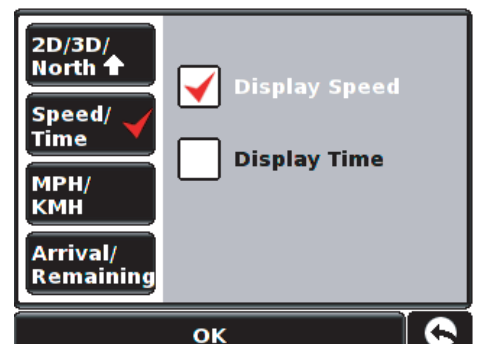
To make your selection, touch the relevant tick box with your finger.



5.4.2

This option allows you to change the information displayed in the bottom left hand side of the navigation screen between the vehicle speed and the current time. You can also specify if you want to display a twelve or twenty-four hour clock and whether to display 'am' and 'pm'.

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

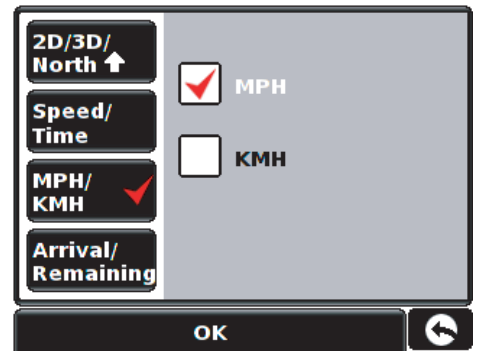


MPH/ KMH

5.4.3

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

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




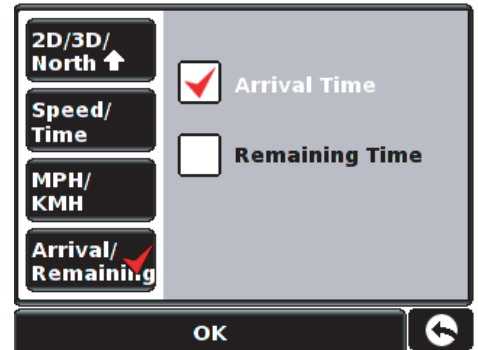
Arrival/ Remaining

5.4.1.4

This option allows you to display either the estimated time of arrival (ETA) or the estimated remaining time left for your journey which is displayed 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 'OK' button at the bottom of the display. If you wish to keep the settings unchanged you can exit the 'Setup' menu by pressing the return arrow  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 Strabo.



5.5 Show POI

The Strabo comes complete with a comprehensive list of POI's (Point's of Interest). You can choose which of these POI's you would like to have displayed on your map. As standard ALL POI's are shown, however this list can be edited within the 'Show POI' menu.

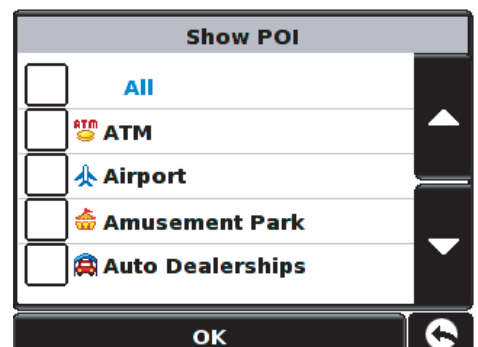
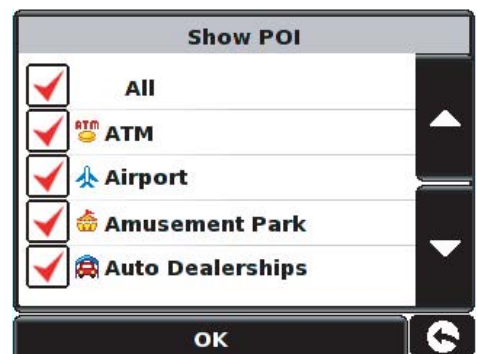
- Press the centre of the screen to enter the 'Navigate to' menu.
- Press the 'Configure' button.
- Press the black arrow once.
- Press the 'Show POI' icon.

The screen will now show a list of POI's stored on your unit with a 'tick' 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 the changes press the 'OK' button at the bottom of the display.

If you wish to exit the 'Show POI' list without saving any changes press the return arrow located in the bottom right hand corner of the display.





Auto Scale

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.

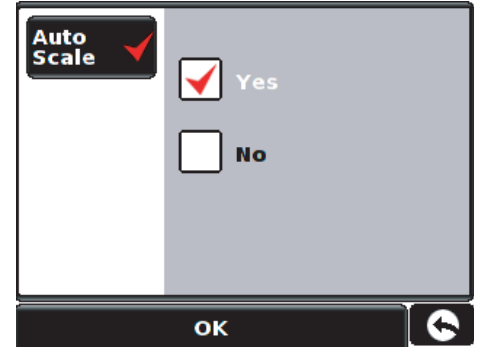
Auto Scale can be turned on and off as you wish. To change this setting

- Press the centre of the screen to enter the 'Navigate to' menu.
- Press the 'Configure' button.
- Press the black arrow once
- Press the 'Auto scale' icon.

The screen will now show two options 'Yes' and 'No'.

Make your selection by touching the tick box next to the option you would like to choose.

To save the setting press the 'OK' button at the bottom of the display.



If you wish to keep the setting unchanged you can exit the 'Auto Scale' configuration menu by pressing the return arrow located in the bottom right hand corner of the display.



Camera Alert

5.7 Camera Alert

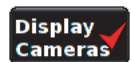
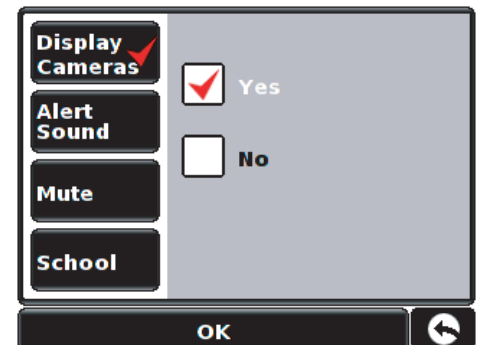
For this feature to operate you will need to subscribe to and download the Enigma™ Database. See Registration of Strabo (Page 6) and System Requirements & Downloading (page 9) for further details.

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

- Press the centre of the screen to enter the 'Navigate to' menu.
- Press the 'Configure' button.
- Press the black arrow once.
- Press the 'Camera alert' icon.

A list of options is 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 Display Cameras

You can choose between the following options:

Yes: A safety camera visual warning will be displayed on the left hand side of the navigation screen as they are approached.



No: No safety camera warnings are displayed on the navigation screen.



5.7.2 Alert Sound

You can choose between the following options:

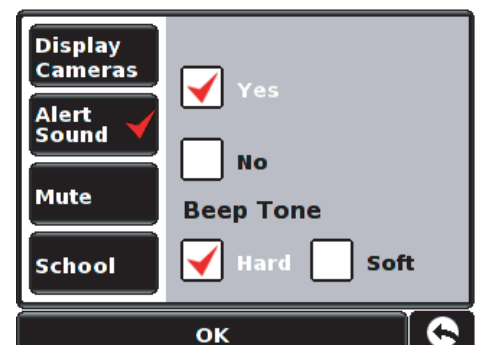
Yes: The Strabo will emit an audible alert when you approach a fixed speed safety camera

No: No audible alert is emitted.

Beep Tone

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

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



5.7.3 **Mute**

You can choose between the following options:

Smart Mute

Yes: The Strabo will only emit an audible tone if you are travelling above the speed limit of the fixed speed safety camera location**.

No: The Strabo 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.

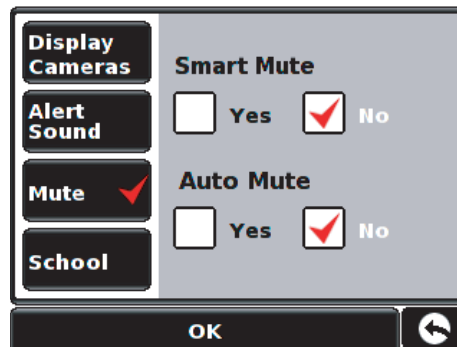


Auto Mute

Yes: The Strabo 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 fixed speed safety camera.

No: The Strabo 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 Strabo updater software this feature enables the Strabo to alert you when you are in the vicinity of a primary school*.

No: The Strabo will not provide alerts of Primary schools. Schools are indicated on the Strabo display by the 



***Please note: The Strabo 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 'OK' button at the bottom of the display.

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



5.8 **Alert**

This function allows you to alter the audible alerts provided during navigation and to turn the audible beeps on or off whilst selecting functions on the display.

By default, both these options are switched 'ON'. To alter these settings:

- Press the centre of the screen to enter the 'Navigate to' menu.
- Press the 'Configure' button.
- Press the black arrow once.
- Press the 'Alert' icon.

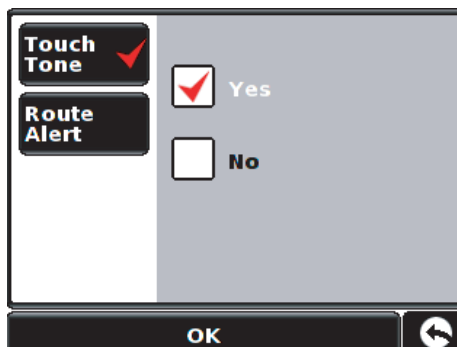
A list of options is displayed on the left hand side of the screen. To change any of the settings select the relevant option on the left and a tick will appear next to the option to confirm your selection.

5.8.1 **Touch Tone**

You can choose between the following options:

Yes: The unit emits a confirmation tone each time the screen is touched.

No: This will turn off the confirmation beep when the screen is touched.



Route Alert

5.8.2

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

You can choose between the following options:

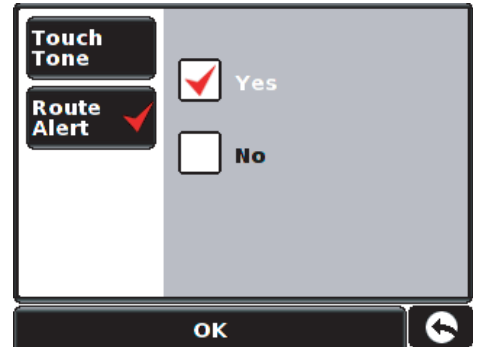
Yes: The re-route tone will be emitted during recalculation.

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 'OK' button at the bottom of the display.

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



5.9 GPS Status

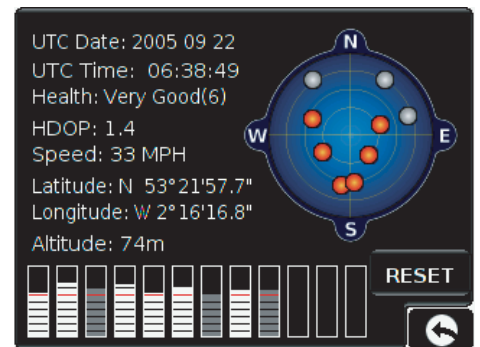
You can check the health of the GPS connection of your unit at any time as well as being able to see the exact coordinates of your current position by using this feature.

- Press the centre of the screen to enter the 'Navigate to' menu.
- Press the 'Configure' button.
- Press the black arrow once.
- Press the 'GPS status' icon.

Your current GPS status will then be displayed.

If you wish to reset the GPS engine to the factory default, press the 'Reset' button.

If you wish to exit the 'GPS status' menu, press the return arrow located in the bottom right hand corner of the display.

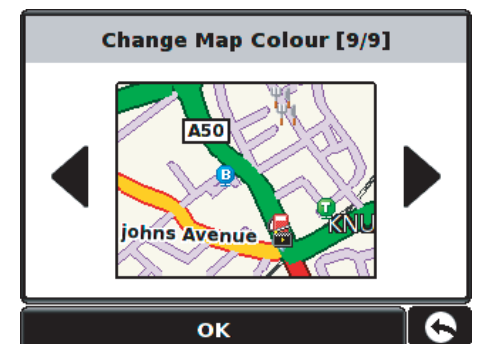
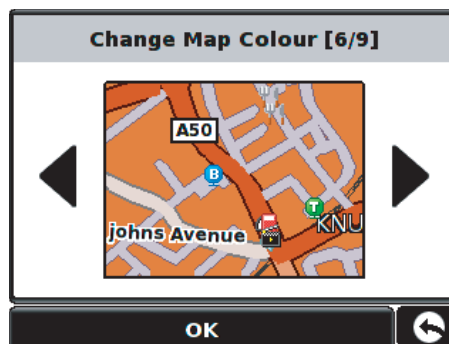
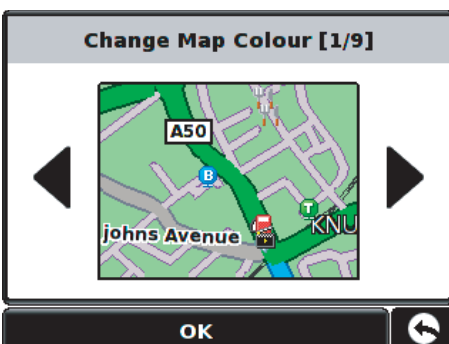


5.10 Change Map Colour

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

- Press the centre of the screen to enter the 'Navigate to' menu.
- Press the 'Configure' button.
- Press the black arrow twice.
- Press the 'Change map colour' icon.

Use the arrows to the left and right hand side of the map display to cycle through the different colour schemes. There are nine colour schemes to choose from.



To save the changes press the 'OK' 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 the return arrow located in the bottom right hand corner of the display.



5.11 Version

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

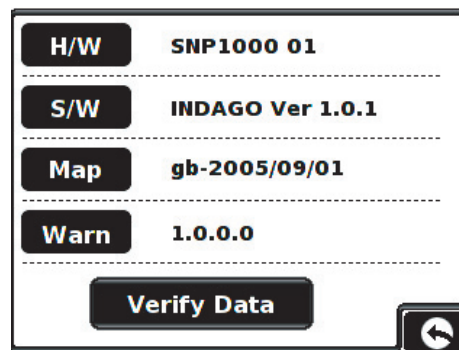
- Press the centre of the screen to enter the 'Navigate to' menu.
- Press the 'Configure' button.
- Press the black arrow twice.
- Press the 'Version icon'.

The following screen will be displayed.

- H/W** Displays the hardware version of the Strabo
- S/W** Displays the current software version of the Strabo 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.

Verify Data If you wish to check the reliability of the software data on your unit then press this button and the Strabo will then perform a **'system check'** to ensure that the information is at optimum efficiency.



6.0 Route Option

If you would like to personalise your route, press the 'Route Option' button, before pressing the 'Calculate' button. This will give you a choice of calculating a route that takes the shortest time or the shortest distance and in addition 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.

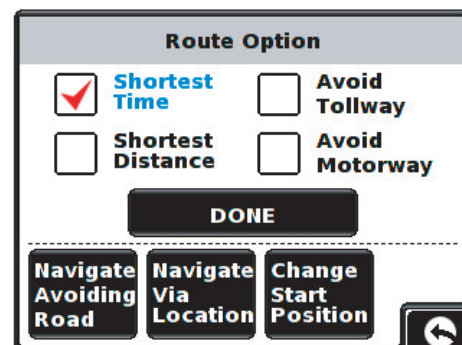
The choices are as follows:

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 Strabo 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

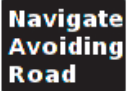
If you want to calculate a route avoiding any type of Toll Roads select this feature before calculating your route. Press again to deselect.

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

Please note that this option can only be used once a route has been calculated. If a route has not been calculated then this is indicated by the button being greyed out.

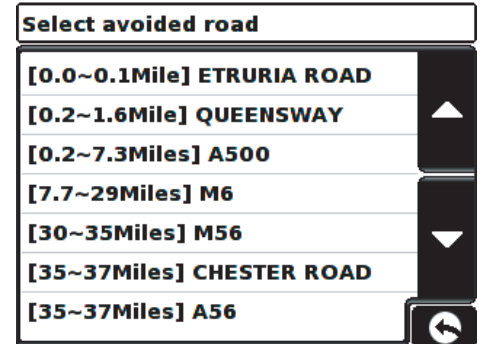


Avoid By Road Name

6.2.1

If you know the road name or road number you wish to avoid then select this option. Press **'Avoid by Road Name'** and 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.

The Strabo automatically recalculates the route to your selected destination. Once the recalculation is complete the summary screen is displayed. You can either press **'Go'** to continue navigation, **'Simulation'** to see the actual route, **'Route Options'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions. This screen will also 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

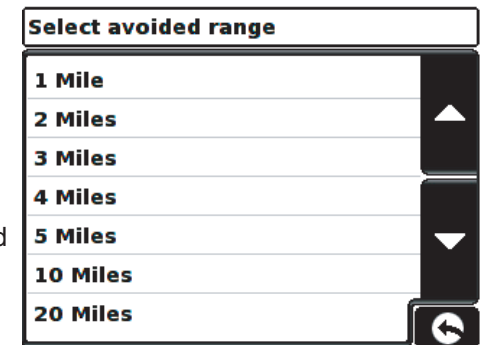
Avoid By Range

6.2.2

If you wish to avoid several roads from the selected route plotted by the Strabo, then this facility 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 facility press the **'Avoid by Range'** button and 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 see 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 Strabo will automatically re-calculate your route.

Once the re-calculation is complete the summary screen is displayed. You can either press **'Go'** to continue navigation, **'Simulation'** to see the actual route, **'Route Options'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions. This screen will also 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

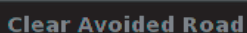
If you do not wish to use the alternative routes offered by the Strabo and you wish to return to the original calculated route, press the **'Clear Avoided Road'** button and the original route plotted by the Strabo will be restored.

Once the re-calculation of the original route is complete the summary screen is displayed. You can either click **'Go'** to continue navigation, **'Simulation'** to see the actual route, **'Route Options'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions. This screen will also 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 Strabo 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' and 'Avoid by Range' have not been used this feature is unavailable and the button will be greyed out.



Navigate Via Location

6.3

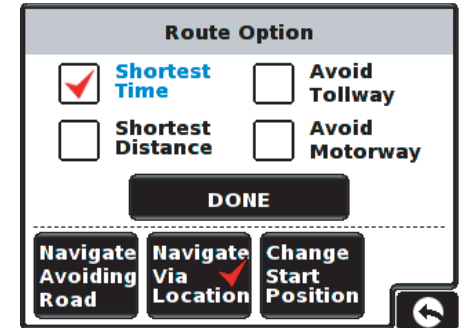
If you would like to calculate a route to a destination but want to go via a specific location along the way you can use this function. Simply input the details of your final destination as usual but press the 'Route Option' button in the summary screen and then select the 'Navigate Via Location' button.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



Change Start Position

6.4

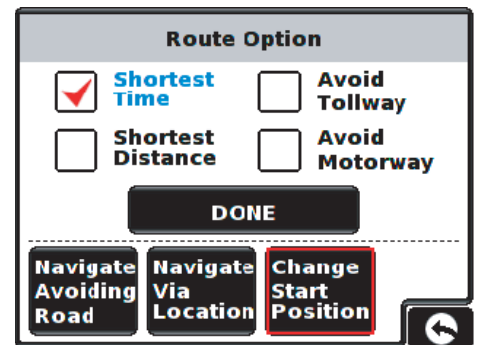
You can use this function if you would like to calculate a route but from a different location to the one you are currently at. First input your destination address as normal but when you reach the Summary page, press the 'Route Option' button.

Now press the 'Change Start Position' icon. You are provided with the search options screen:

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. Now press the 'Done' button followed by the 'Calculate' button.



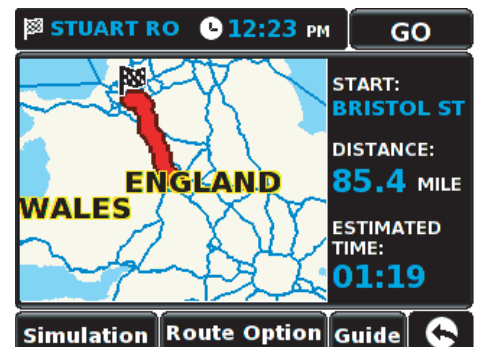
6.5 Summary Screen

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 Strabo will take you through the calculated journey step by step with full on screen and voice instructions.

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.

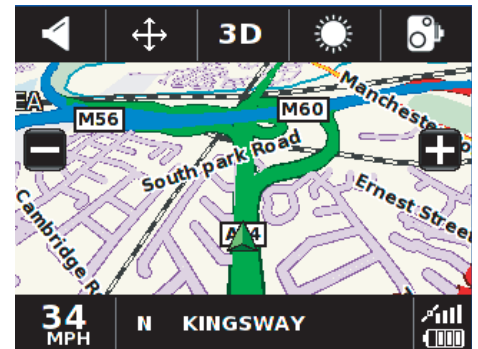
7.0 Quick Access Menu

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




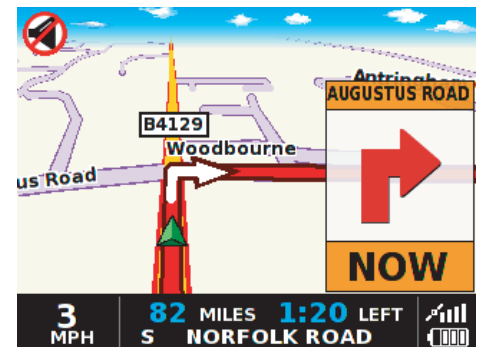
7.1 Volume Setting

Selecting this option opens the Volume menu whereby you can increase or decrease the audio level of the unit. 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 Strabo 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  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. If Bluetooth is activated the symbol is not visible.



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 or Day or 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.

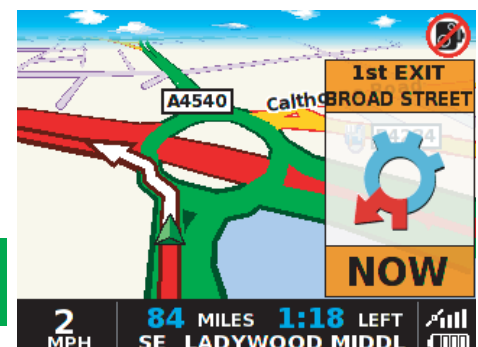
Please note: If you switch the unit off and then back on the display reverts to your previous personalised setting.

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 camera 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 Strabo's display to show the drop down menu and then press the camera icon. 

Please note that if the unit is switched off and then switched back on the camera alerts are automatically enabled.



7.5 Magnify or Reduce Function

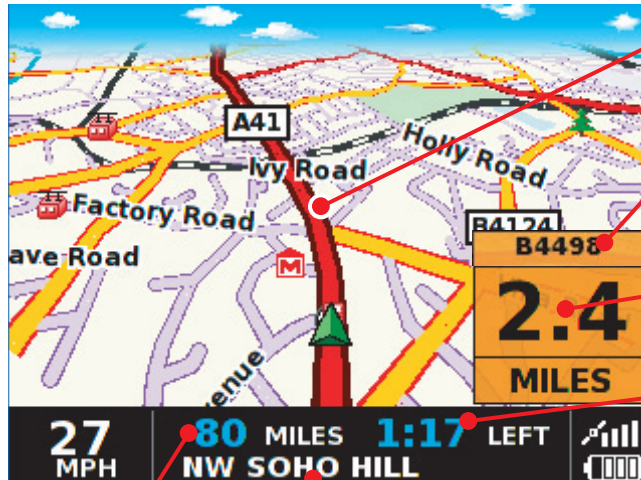
The map on the display can be magnified or reduced by pressing on the  or  buttons displayed when the drop down menu. This will also show the quick menu at the base of the display.

8.0 Understanding the Mapping Screen

Distance to next junction or instruction

Whilst navigating a calculated route the Strabo 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 your 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.



Distance left to travel

Current Road

The red line indicates the route you will be taking

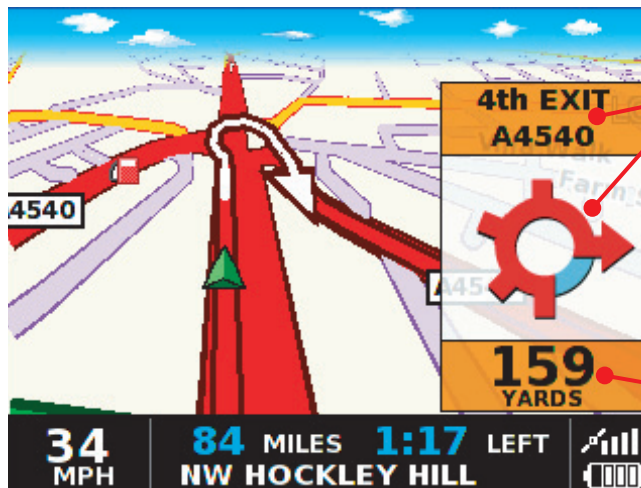
Next road you are due to travel on

Distance left to next instruction

Time left to arrival (If you would like to change this to Estimated time of arrival simply tap the screen on time left to change it)

Next turning or instruction

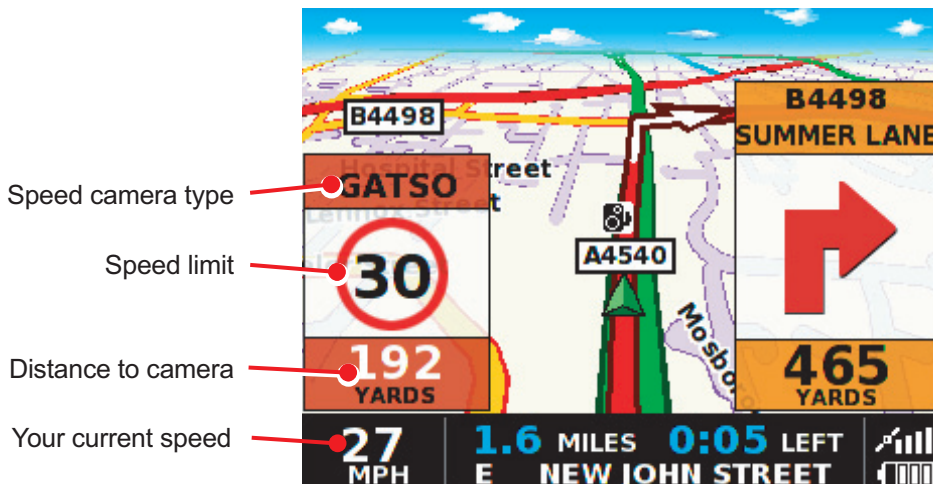
As you approach the next turning or instruction, the orange window will indicate the exact action that you need to take.



Indicates that you are approaching a roundabout and that you need to take the 4th exit on the A4540

Distance to roundabout

Gatso Safety Camera Alerts



Speed camera type

Speed limit

Distance to camera

Your current speed

As well as navigating you safely from A to B, Strabo will also alert you automatically to all Fixed Speed Cameras on your route whether you have a route planned or not.


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 Strabo to alert you to Fixed Speed Safety Cameras and Accident Blackspots you will have to register and download the Enigma™ Camera Database.

9.1 Fixed Safety Cameras

As you approach the 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 Strabo 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 camera location, the unit will reset ready to alert you to the next potential accident black spot.

To cancel an alert press on 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 Speed 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.

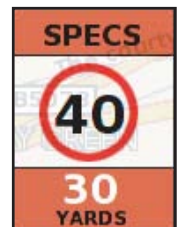
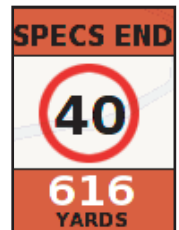
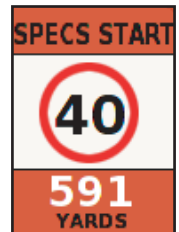
When approaching the first camera in the SPECS system your Strabo will begin to alert you at approximately 700 yards with a display indicating 'SPECS START' and emitting an audible alert.

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 Strabo 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. Deleting Stored Destinations

To delete individually stored Recent Destinations

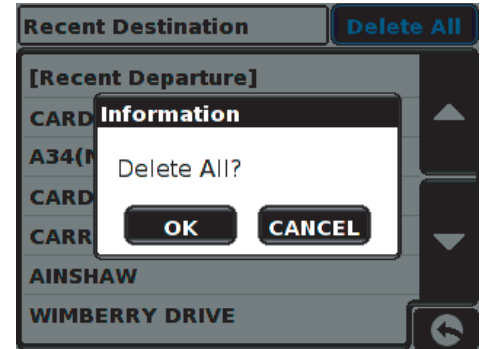
Press the centre of the Strabo's display to enter the menu, press the 'My Favourite' button at the top of the display and then press the 'Recent Destination' icon. Scroll through the list of recent destinations using the up and down buttons located on the right hand side of the display and select the destinations you wish to delete with your finger.

The information relating to that destination is displayed now press the 'Delete' 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.

To delete ALL stored Recent Destinations

Press the centre of the Strabo's display to enter the menu, press the 'My Favourite' button at the top of the display and then press the 'Recent Destination' icon. Press the 'Delete All' button and an information box will be displayed with 'Delete All?' with the options of 'OK' and 'Cancel'

Press the 'Ok' button and ALL the stored recent destinations will be deleted.



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 and Fixed Cameras Detection distances for Risk Zones

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

MP3 Player & System Settings



In order to use this facility you need to exit the Navigation system. To exit navigation:

- Press then centre of the screen to enter the **'Navigate to'** menu
- Press **'Configure'**.
- Press **'Exit navigation'**.

An information box will be displayed saying **'Exit navigation?'**

- Press **'OK'** to exit.

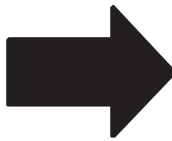
The screen below will then be displayed showing 4 options.


- **Navigation & speed camera detection**
- **Bluetooth**
- **MP3 Player**
- **System settings**




System Settings

Tap  to enter the System settings menu.



If you want to return to the Menu at any time, tap the  button.


Language

Tap the  button in the settings menu to change the systems **language**.



Tap the   buttons to find your language, then tap  or  to accept the language shown on the display.

Backlight



Tap  in the settings menu to adjust the **Backlight**.



Tap the top  buttons to adjust the brightness, then tap  or  to accept or reject the brightness level selected.

Tap the second group 4 button to adjust the sleep time. There are 6 choices for sleep time







- : The backlight will be on permanently and will not enter sleep mode.
- 5: The backlight will stay on for 5 minutes and then enter sleep mode.
- 10: The backlight will stay on for 10 minutes and then enter sleep mode.
- 30: The backlight will stay on for 30 minutes and then enter sleep mode.
- 60: The backlight will stay on for 1 hour and then enter sleep mode.
- 120: The backlight will stay on for 2 hours and then enter sleep mode.

After setting, tap  to confirm or tap  to reject.

Date & Time

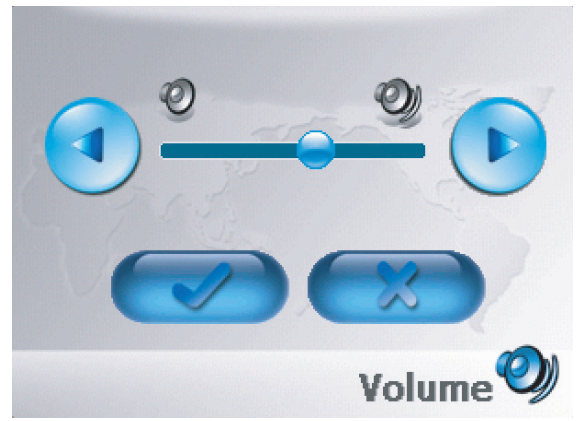
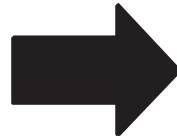
Tap the  button in the settings menu to set the **Date & Time**.



Tap the  buttons to select your Time Zone. Tap the   buttons of the Date group to change the date and tap the   buttons of the Time group to change the time. Tap  the button to accept the settings and return to the Menu.


Volume

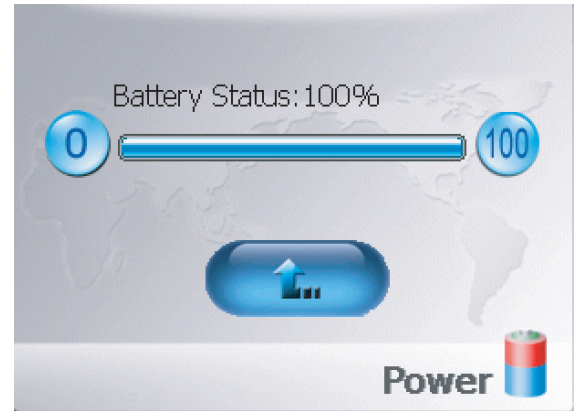
Tap the  button in the settings menu to set the **Volume**.




Tap the   buttons to adjust the volume level. Tap  or  to accept or reject the setting.


Battery Status

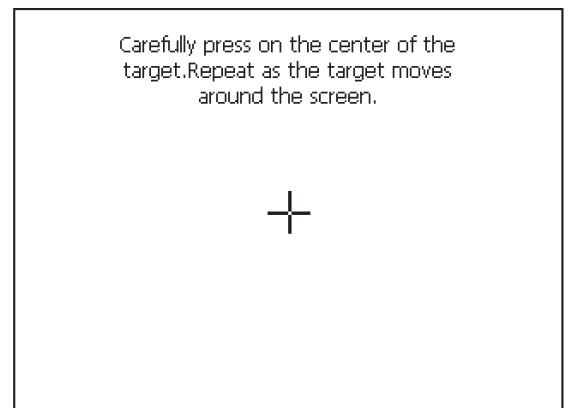
Tap the  button in the settings menu to check the battery status.



Tap the  button to return to the menu.

Calibrate screen

Tap the  button in the settings menu to calibrate the LCD display.



Tap the + button as it moves around the screen. When set-up has been completed the + will disappear. Tap the screen anywhere to return to the settings menu.

MP3 Player


To use the MP3 player, you will need to have an SD card with your MP3 music files preloaded. Please note you cannot use the navigation function of the device at the same time as using the MP3 player. You will need to remove the Strabo mapping software SD card that comes with the device from the SD/MMC card slot on the side of the unit. You can then insert the SD/MMC card with MP3 or WMA files. The Strabo's built-in MP3 player supports both MP3 and WMA format file playback.

NB: Please take care of the Strabo mapping SD card if you remove it to use the MP3 player as the navigation function will not work without it. Replacement Strabo mapping SD cards cost £99.95 for single country/regions and £149.99 for the 2GB Europlus version.

Loading MP3 or WMA format files:

1. Insert your SD/MMC card with MP3 or WMA format files preloaded.
2. Turn on the unit.


Playing Music.

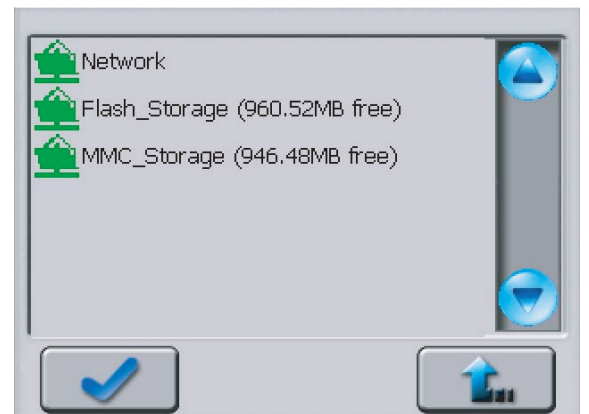
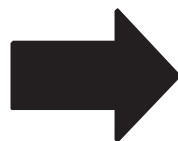
In the main menu, tap the  button to enter the MP3 player as shown below:




In the menu, tap  to enter the MP3 play list menu, as shown below:



If there are no songs in the playlist, tap  to add songs to the playlist. The screen will display as below:




Double tap the MMC_Storage icon to open the folder and the songs on your SD card will be displayed on the screen. Select the songs that you want to add into the playlist and tap  to confirm. The songs selected will be added into the playlist, as shown below:



Double click a song to start the play list.

Help Window

In the playback or MP3 play list menu, tap  to open the help window, as shown on the right:




During playback, tap  to go to the previous track.


During playback, tap  to go to the next track.


During playback, tap  to pause playback, or tap to resume playback.

During playback, tap  button to stop playback.

During playback, tap  button to repeat all the songs in the playlist.

During playback, tap  button to play the current song only.


During playback, tap  button to play each song for 15 seconds.

During playback, tap  button to play the selected song repeatedly.


During playback, tap  button to play the songs in the playlist in sequence.

During playback, tap  button to play the songs in the playlist randomly.

During playback, tap  button to decrease the volume.


During playback, tap  button to increase the volume.


In the menu, tap  button to open the playlist menu.

In the menu, after adding playlist, tap  button to save the playlist.

In the menu, select songs and tap  button to add the selected songs into playlist.


In the menu, select songs and tap  button to delete the selected songs in playlist.

In all menus, tap  button to exit the menu.

During playback, tap  button to open the playlist.

During playback, tap  button to enter the equalizer menu.


In all menu, tap  button to open the buttons function menu.

In all menu, tap  button to return to the previous menu.


Tap  buttons to select the EQ mode in the equalizer menu.

Bluetooth Function


This unit is equipped with Bluetooth functionality. You can use it as a hands free system for a mobile phone that is equipped with Bluetooth.

In the main menu, tap the  button to enter the Bluetooth menu, as shown below:



If you wish to return to the main menu, tap the  button in the Bluetooth menu.

Blue Tooth Manager

In the Bluetooth menu, tap the  button to enter the Bluetooth Manager Menu, as shown below:



Pairing your Strabo to your mobile Phone

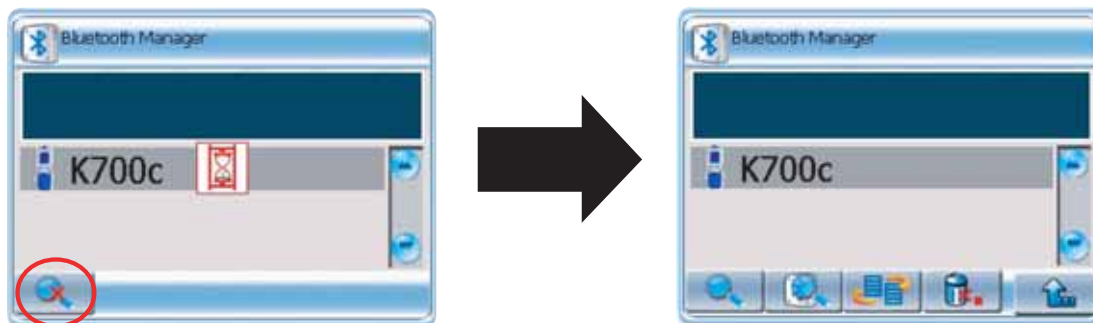
Step 1 - Search BT Device



The 'Search BT Device' command allows you to search for all available Bluetooth devices near the Strabo. Tap 'Search BT Device' to start searching and any items that are found by the Strabo are listed in the menu as per the example shown below:




Note: Before searching, make sure the Bluetooth function of your mobile phone is turned on and that the phone is visible to other Bluetooth devices.

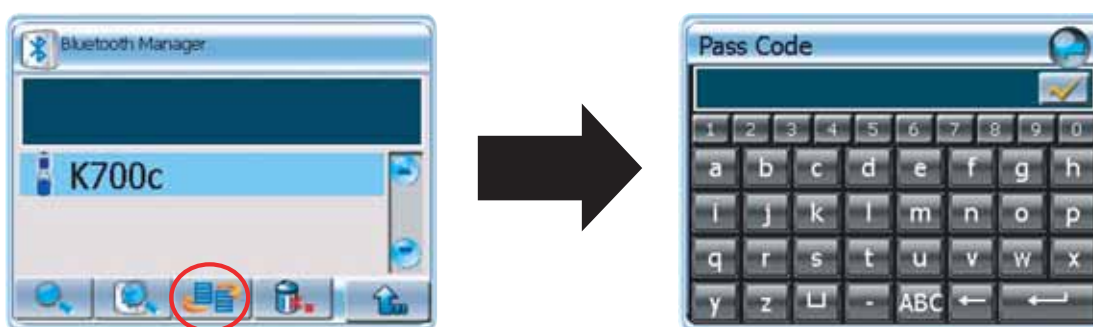
Whilst in the process of searching and if necessary, tap  button to stop searching as shown below:






In the menu, tap the  button to begin searching for available Bluetooth devices again; tap the  button to delete the selected Bluetooth device.

Step 2 – Pairing Strabo with Mobile Phone

In the list of Bluetooth devices that the Strabo has detected, tap the item to select it and then tap the  button to pair the unit and the selected Bluetooth device, as shown below:




Use the keyboard to enter a random password, (for example 1234) and then tap  to send the password to the mobile phone. After receiving the signal from the Strabo, a command to enter a passkey appears on the mobile phone. Use the mobile phone's keyboard to enter the same password that you created on the Strabo. The screen will display as below:

In the menu, the  icon shows that the Strabo and the selected mobile phone has been paired off successfully. If necessary, tap the  button to break the pairing.



Activating the Bluetooth profile

After having paired off the Strabo and the mobile phone successfully, tap the  button in the Bluetooth Manager menu to search for the profile of the mobile phone, and the following screen will be displayed as per the example below:



In the menu, tap the  button to activate the selected profile, as shown below:





When the Strabo has connected to the mobile phone successfully the Bluetooth menu similar to the one on the right will be displayed.



You can also use the Shortcut command to display recent connections and make a recent profile active or inactive easily. In the Bluetooth Manager menu, tap the Shortcut command and a screen will be displayed similar to the one below:



In the menu, tap the  button to activate the selected connection; tap the  button to delete the selected connection.



Disconnecting the Strabo from the Bluetooth Device

In the Bluetooth Manager menu, tap the  button to disconnect the unit and the Bluetooth device.


Blue Tooth Settings

In the Bluetooth Manager menu, tap the  button to enter the Bluetooth Setting menu, as shown below:



In this menu, you can tap the yellow squares to select or cancel these commands; tap the  button to save your settings; tap the  button to cancel any changes and exit the menu.

Current Active Profiles


Tap the  button in the Bluetooth Manager menu to enter the Active Connection menu that displays the current active profiles, as shown below:





In the Active Connection menu, tap the  button to make the selected Bluetooth profile inactive.

Telephone Keyboard

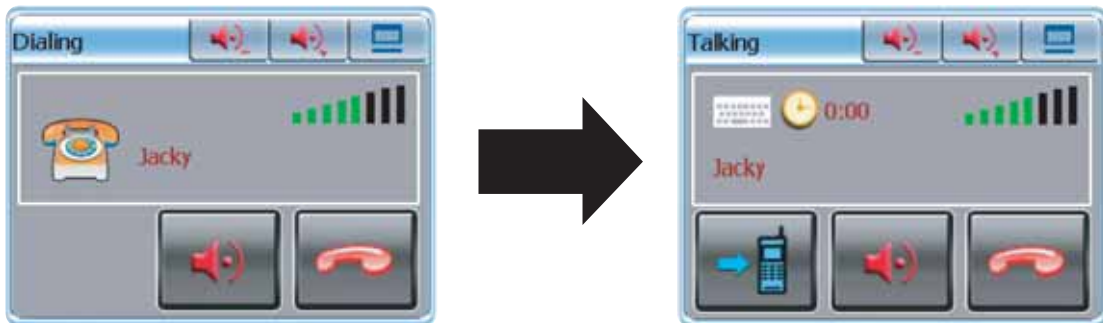
The telephone keyboard is only available when the Strabo has been successfully connected to a Bluetooth enabled mobile phone.

In the main menu, tap the  button to enter the Telephone Keyboard menu, as shown below:










In the Telephone Keyboard menu, tap the  button to enter the Phone Book; tap the  button to enter a Contact Record.

Use the keyboard to enter the phone number, and then tap the  button to call; a screen will be displayed similar to the ones shown below:




In the Talking menu;






- Tap the  or the  buttons to adjust the volume level
- Tap the  button to turn the speaker OFF or ON
- Tap the  button to hang up
- Tap the  button to return to the blue tooth main menu
- Tap the  button to switch to talking on mobile phone; tap it again to switch to talking on the Strabo.
- Tap the  icon, and a keyboard will appear, use the keyboard to input other numbers, for example an extension number.



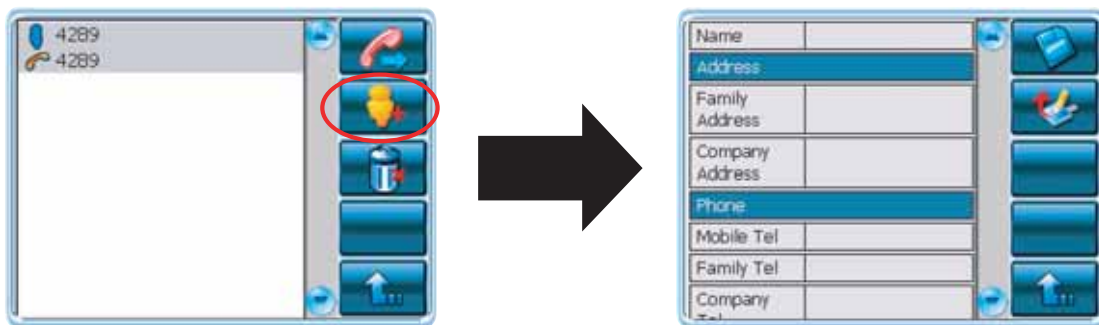
Phone Book

In the Bluetooth menu, tap the  button to enter the phone book, as shown below:

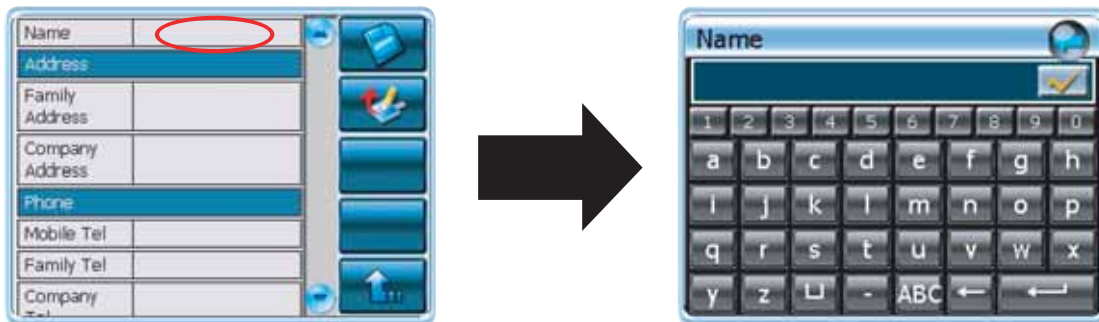



In the phone book, tap the   buttons to move up or down the list of phone numbers. You can select a phone number by selecting it and then tap the  button to call directly. Tap the  button to delete the selected phone number; tap the  button to return to the previous menu.



Tap the  button to add a phone number to the list, the screen will show as below:



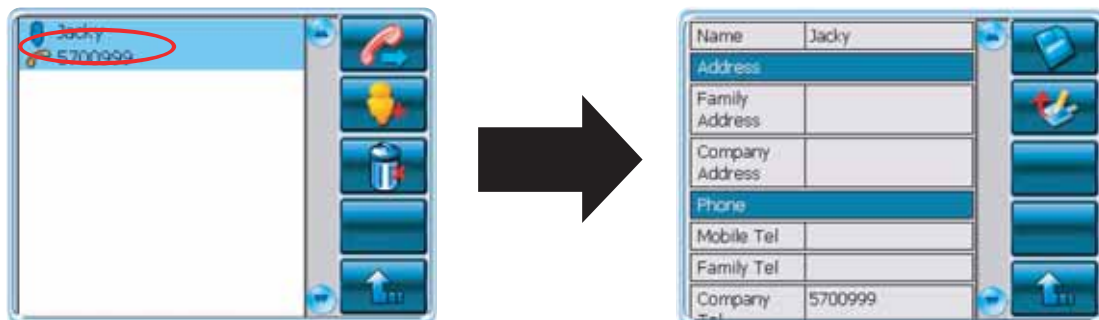
In the menu, double tap the field on the right of the item you want to edit, for example "Name", and then enter your data using the keyboard as shown below:




Tap the  button to confirm your data entry.

After having edited your desired items, tap the  button to save the information; tap the  button to erase the entered information.

If you want to edit the telephone number in the phone book, double tap it and a screen is displayed similar to the one shown below:










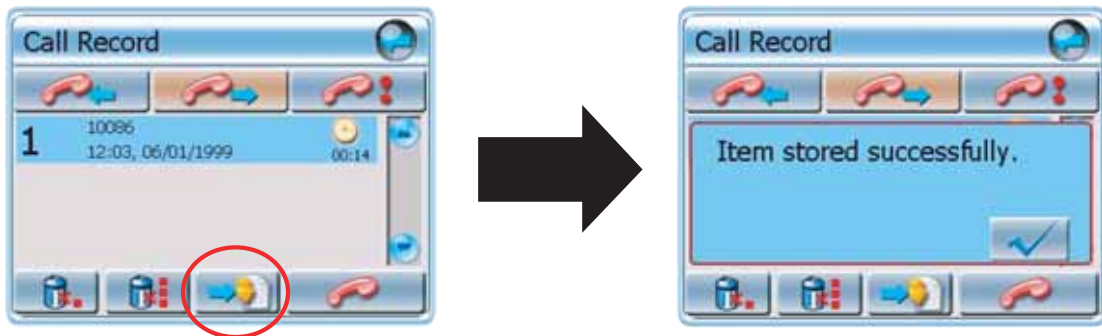
Call Record

In the Bluetooth menu, tap the  button to display a recent list of calls, as shown below:




In the menu;

- Tap the  button to display a list of recent received calls
- Tap the  button to display a list of recent dialled numbers
- Tap the  button to display a list of recent missed calls.
- Tap the  button to delete the selected record.
- Tap the  button to delete all recent records.
- Tap the  button to return to the previous menu.
- Tap the  button to add the selected record to the phone book, as shown below:




In the menu, tap the  button to confirm.

Call Back

In the Bluetooth menu, tap the  button to redial the last call made.

Activate the Latest Connection

In the Bluetooth menu, tap the  button to activate the latest connection, as shown below:



Troubleshooting *strabo* Downloads

If you are having any difficulty in performing a download onto your Strabo 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 Strabo-technical@performanceproducts.co.uk stating the nature of your difficulty. To expedite your enquiry please supply as much detail as possible including your contact details, Strabo 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 Strabo unit?*

You will not be able to download the database unless the Strabo 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.

2. *Is the Strabo connected to an AC mains power supply?*

The Strabo needs to be switched on BEFORE connecting it to the PC. The Strabo does not receive any power via the USB cable and ideally be powered from the mains rather than the built in battery. Please use the AC mains adapter supplied with your unit and connect to the socket marked DC 5V on the right hand side of the unit. To switch the unit on press and hold the standby power switch on the top of the unit for 2 seconds.

3. *What operating system are you using on your computer?*

The Strabo 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:


- a) Right click on the 'My Computer' icon on your desktop and select 'Properties' from the drop down menu.
- b) When the 'System Properties' dialogue box opens the 'General' tab is selected by default. Under the heading '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.

4. *Is the USB cable supplied with the Strabo connected correctly?*

Please make sure that the USB lead has a secure connection to the PC and is fully plugged in. Ensure the smaller connector is plugged into the USB socket on the underside of the unit. Only plug the USB lead into the Strabo once you see the 'Information Screen' after turning the Strabo 'ON'.

5. *Have you installed the Strabo download software onto your PC?*

If you have not installed the download software, you will not be able to perform a download onto your Strabo. 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 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 Strabo icon in your system tray, look at the top of the window that opens and you will see the version number in brackets. In this illustration the version number is (v1.1.0)



6. **Have you connected your 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 onto your Strabo.

8. **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 onto your Strabo. If after completing all the checks in Section A 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 Strabo 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 is not 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 Strabo Updater software may appear to stop and it is at this point that your Firewall software will inform you that the Strabo 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 Strabo, 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.



SPECIFICATION

Processor (CPU)	PAX-255 (Xscale microarchitecture core) 300Mhz
OS	WIN CE 4.2.X
Memory	Flash 128MB SDRAM 64MB
Memory Card	Supports SD Card Memory up to 2GB
GPS Receiver	The latest "SiRF Star III (Chip Set)"
GPS Antenna	In-built GPS Antenna
Display	3.5", TFT Digital LCD (320 x 240)
User Interface	Touch Screen
Speaker	Loudspeaker (36pi size)
Battery	Li-Ion Re-chargeable, 1350mAH
Power	5V DC operational
Current	500mA (Normal) in Operation 450 ~ 500mA (Normal) Charging 1.35A (Normal) in Operation & Charging

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

ACCESSORIES

The following accessories are available from your local Snooper dealer. For further details please contact our sales department on 0870 787 0700 (Option 2).

European Mapping SD Card	£149.99	*Pro Fit brackets are a custom made bracket that usually attaches to an air vent and are designed specifically for each make and model of vehicle. Therefore you should contact Performance Products, on 0870 787 0700 (Option 2), to check the availability and specification of the bracket for your vehicle. ** This attachment must be purchased to enable you to attach your Strabo to a Pro Fit bracket.
Remote GPS extension antenna (5m)	£34.99	
In Car charger (12vDC to 5v DC) adaptor with straight lead	£19.99	
Straight hard wire lead with fuse (12vDC to 5vDC)	£19.99	
Windscreen mounting bracket, excluding unit holder	£24.99	
USB PC Connection lead	£9.99	
Custom Pro Fit Bracket, including fixing plate *	£19.99	
Strabo to Pro Fit Bracket attachment**	£7.99	
1 - 3 Lighter socket extension	£7.99	
25ml anti-static LCD display cleaner & protector	£7.99	
240v to 5vDC mains charger	£19.99	
Strabo protective cloth carry case	£14.99	



SERVICE UNDER WARRANTY

Your Strabo comes with a standard two-year manufacturer's warranty. If, for some reason your unit requires service under warranty return your Strabo 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.