

S7000

7" Screen Portable Satellite Navigation System & DVB-T Television

 User Manual



 **SNOOPER**

S7000

Introduction

Congratulations on buying S7000 Portable Navigator and Fixed Speed Camera location system.

S7000 utilises the very latest Global Positioning Satellite (GPS) technology to provide you with accurate street level navigation via clear and precise voice prompts as well as alerting you to potentially hazardous stretches of road, accident black spots and fixed speed safety cameras.

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

S7000 comes with an SD Card that contains the UK & Ireland navigation software. The SD Card can be activated in seconds by inserting the card into the SD slot on the top of the unit. When necessary, upgrades to this mapping data will be made available for you once every twelve months.



As the AURA™ camera database changes daily, regular updates to S7000 are required. S7000 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 S7000 compares your position using its built-in GPS antenna, with the position of every known 'fixed' speed monitoring system and accident 'hotspot' alerting you both audibly and visually with voice alerts and full colour graphics on the units LCD screen ensuring your highest concentration at all times.

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

Drive Safely with Snooper!

S7000' 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.



S7000

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S7000

What's included?

1 x Snooper S7000 satellite navigation system

1 x windscreen mounting bracket

1 x home charger

1 x in-car charger

1 x TMC antenna

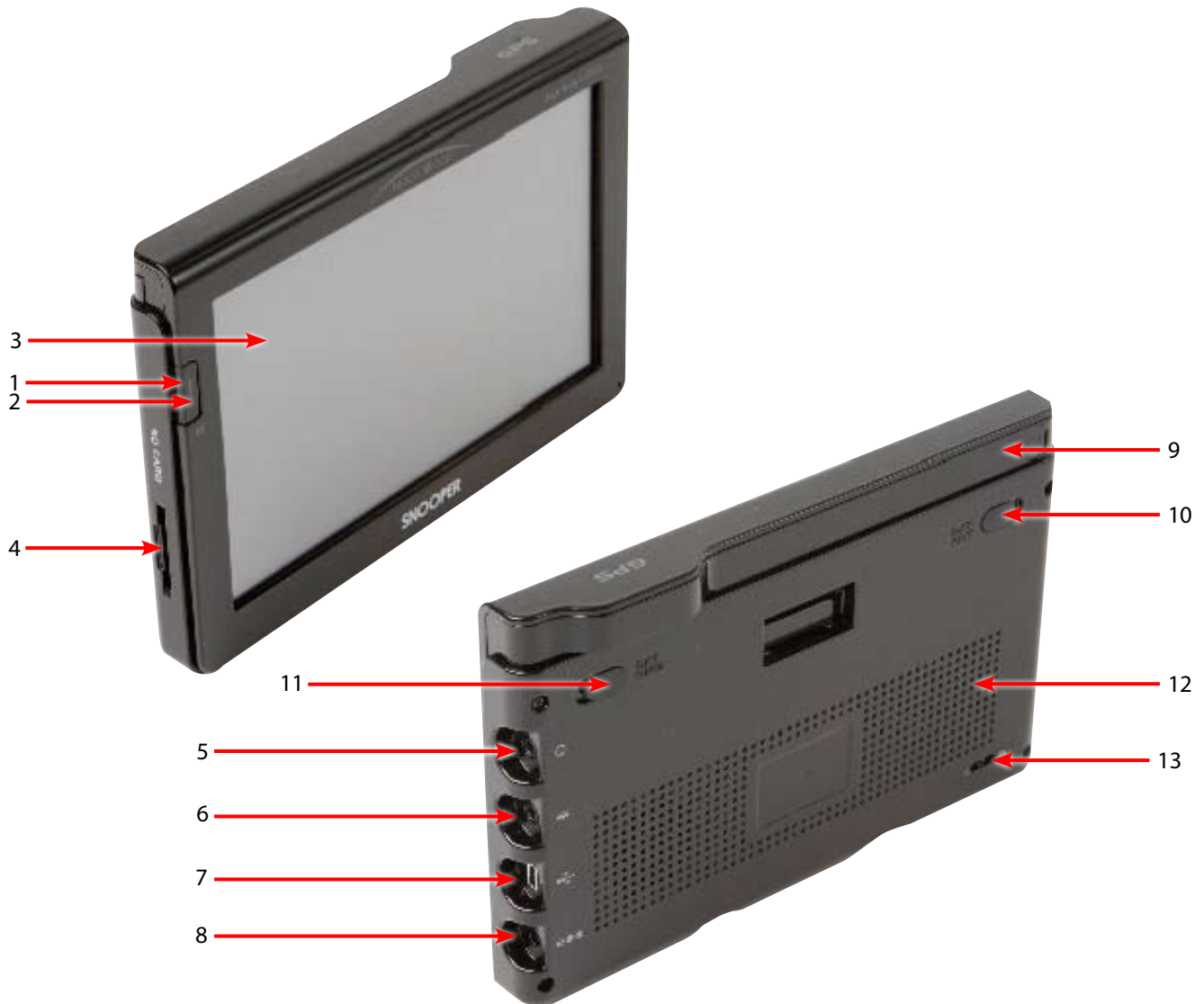
1 x CD Rom

PLEASE NOTE

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

S7000

Overview



1. Power/MENU Button
Press and hold to switch on or off. Press and release to switch between functions.
2. LED Power indicator
Green LED indicates power on using the built-in battery. Red LED indicates power on using the AC adaptor and charging. LED will turn green once the battery is fully charged.
3. Touch screen LCD
4. SD Card Slot
5. Earphone Jack
6. Video In socket
Can be used for attaching a rear camera – sold separately
7. USB socket
8. External Power socket
9. DVB-T Antenna
Extend antenna when watching DVB-T digital TV
10. External GPS Antenna socket – antenna sold separately
11. External DVB-T Antenna socket – antenna sold separately
12. Speaker
13. Battery on/off switch



Registering S7000

IMPORTANT!
PLEASE READ BEFORE USING S7000.

To enable S7000 to locate Fixed Speed Cameras and Accident Black spots you will have to register and download the AURA™ Camera Database.

There are four ways to register your unit:

Register Online

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

By Telephone

You can contact us by telephone on 0870 787 0700 and select Option 1 between the hours of 9:00am and 5.30pm Monday to Friday. Your unit should normally be activated within one hour 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,
Cleaver 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 S7000 you will need the serial number of your unit which can be found on the back of the device.

Annual Subscription

Pay £29.95 and receive camera updates via download for 12 months.

Pay Monthly by Direct Debit


Pay only £2.99 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.

S7000

Quick Start Guide to Navigation

1. Take S7000 outside so that the GPS receiver can locate your position. This may take between 15 - 50 minutes the first time. When satellite lock is achieved, the screen will display your current position on its map in a '3D' navigation view. Your position (and direction) is indicated by the  icon.

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




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



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



3. You will see a standard browser screen, used for entering postcodes. Enter the full UK postcode using the keyboard and press 

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

Country	UK
Post Code	WA15 8LZ
Street	WCBURN DANE
House No.	
<input type="button" value="Calculate"/>	
Map	Route Option

Tip: For a more accurate navigation, you can enter a House number by pressing the  key.

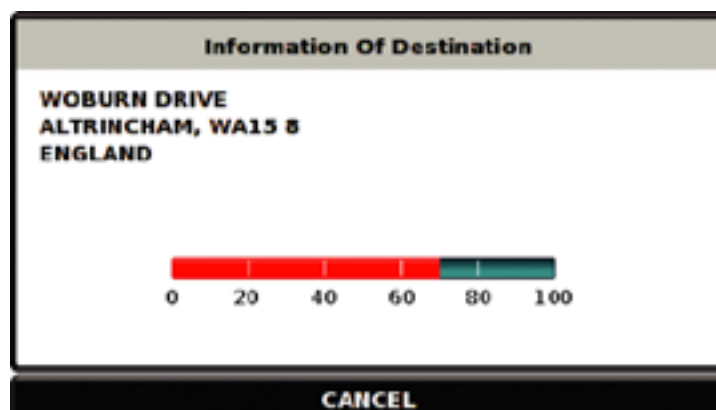
Country	UK
Post Code	
Street	
House No.	
<input type="button" value="Calculate"/>	
Map	Route Option

Post Code WA15 8...											
1	2	3	4	5	6	7	8	9	0		
Q	W	E	R	T	Y	U	I	O	P		
A	S	D	F	G	H	J	K	L			
Z	X	C	V	B	N	M	OK				
											

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

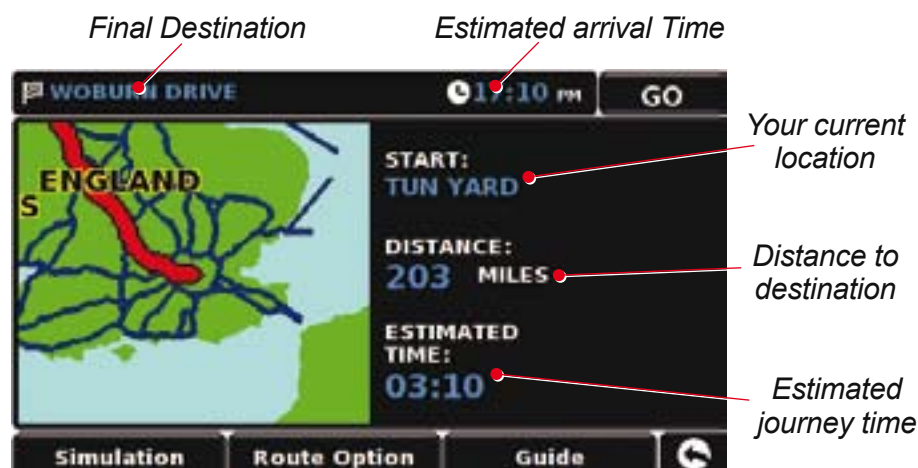
4. Press **Calculate** and S7000 will calculate the fastest route from your current position to your destination.

This should only take a few seconds and a progress bar is shown on the screen.



5. A journey summary screen will then be displayed

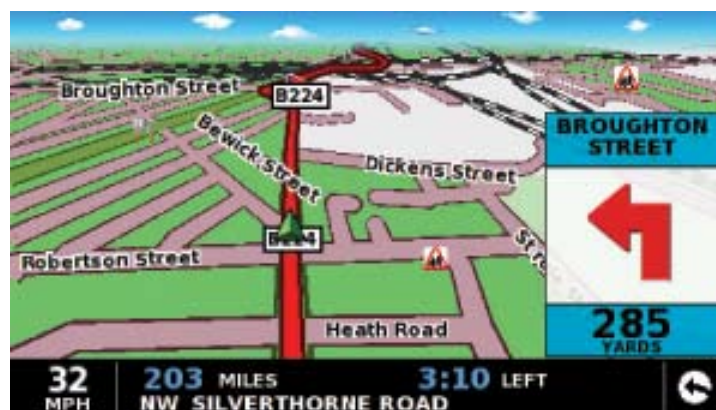
Please note: The summary screen is only displayed for approximately 10 seconds before the unit automatically begins to provide you with turn-by-turn instructions.



6. Press **GO**

The navigation view will now be displayed, but with the route now highlighted for you. As you approach a specific turn in the calculated route, S7000 will advise you what to do. For example, "After 200 yards, turn left", followed by "Now turn left". As you proceed along your journey, following the voice instructions, you will notice that the navigation view is updated constantly, always showing approaching roads and junctions and presenting the best route to you.

Tip: If you miss a turn or drive down a wrong road, a new fastest route will be calculated automatically, based on your new position and direction of travel, a tone will be heard to confirm re-routing. S7000 will always give you clear instructions that will take you to your chosen destination.



Start Up – Installing the SD Card

Before using S7000, you will need to install the SD Card included with the device. The SD Card comes complete with a digital map of the UK and Ireland or Western Europe depending on the model purchased and is also where the AURA™ camera database is stored if you choose to subscribe and download it.

Start by moving the 'Batt. ON/OFF' switch located on the underside of the unit to the 'ON' position, then remove the SD card from its packaging and insert it into the SD Card slot as indicated. Finally switch on the device by pressing and holding the standby power button located on the left hand side of the unit for 2 seconds. As soon as the device is switched on, S7000 will automatically synchronise with the SD Card. Once the synchronisation is completed, the SD Card will not function with any other device. S7000 is now ready to navigate and the camera database can be downloaded if necessary.



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

System Requirements and Downloading

Before you can begin to download the database onto S7000, you will need to install S7000 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: S7000 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 or DVD drive (drive letter is normally D) using the 'Look in' option and select 'Menu' from the lower portion of the dialogue box. Once you have selected 'Menu' click on 'Open' on the explorer box and then 'OK' on the Run dialogue box.

Please make sure that the operating system installs the new hardware (Win 2K, XP and Vista) before installing S7000 Updater software. Once the 'S7000 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 S7000. S7000 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 S7000 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 AURA™ Camera Database

Please Note: You must register S7000 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 S7000 in the socket marked DC 5V.
2. Power up S7000 by pressing and holding the power button for 2 seconds and then 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 S7000 in the socket marked USB on the underside of the unit.
6. S7000 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 S7000 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.
 - S7000 will then save the data received.
 - The software will indicate that the download is complete and will instruct you to disconnect S7000 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 S7000. 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 S7000 Updater software is trying to access the internet. Please make sure that you grant/allow/permit access to S7000 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.



Plug the charger cable into the socket on the back of the S7000



Plug the charger into a 240V AC mains socket



Connect the USB lead to S7000

Installing S7000

S7000 comes with a windscreen bracket so that the unit can be mounted onto your vehicles windscreen.

When installing S7000 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.

Installing S7000 using the Windscreen Suction Cup bracket

You can mount S7000 to the inside of your vehicles windscreen using the windscreen bracket provided.

- 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 towards the windscreen 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 S7000 onto the bracket, by sliding it onto it as indicated. Remove S7000 by sliding the unit upwards and off the bracket.
- S7000 can be powered directly either from the internal battery if it is 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 on the back of S7000 and plug the larger plug into the cigarette lighter socket of your vehicle.

Locking
lever



Please Note: Only use the cigarette lighter power cable provided with S7000. S7000 operates on 5V not 12V and using any other cigarette lighter power cable will damage your device and void the warranty.

Power Connection & Charging

Powering and charging S7000 from the cigarette lighter socket

S7000 comes with a power cable designed to plug into your vehicles cigarette lighter socket. This lead will power the device but will also charge S7000's internal battery.

1. Push the 'Batt. ON/OFF' switch on the underside of the unit to the 'ON' position
2. Then plug the smaller end of the lead into the DC 5V input socket on the back of S7000
3. Plug the other end of the cigarette lighter adaptor into your vehicles cigarette lighter socket.
If S7000 is powered using the cigarette lighter socket a Red LED will illuminate below a Blue LED on the left hand side of the unit. When the battery is fully charged, the Red LED will turn Blue.
4. Press and hold the standby power button on the left hand side of the unit for two seconds to activate the device.

Please Note: Do not leave S7000 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 S7000 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 S7000 will still not power up, please check that the cigarette lighter in your vehicle is functioning correctly.

Replacing the Fuse

If S7000 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, 6 x 30mm 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 S7000 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 S7000 is approximately 20% charged.

To charge the unit fully, move the 'Batt. ON/OFF' switch to the 'OFF' position and connect the 240V AC mains charger as indicated in the picture on the right. The battery light on S7000 will illuminate and will take approximately 3 hours to charge. When the internal battery is fully charged, the red LED will turn blue. 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.

*Plug the
charger cable into
the socket on the
back of the S7000*

*Plug the charger into a
240V AC mains socket*

Powering S7000 using the built-in battery

Once S7000 is fully charged, it is ready for use. Move the 'Batt. ON/OFF' switch to the 'ON' position and press and hold the standby/power switch on the left hand side of the unit for 2 seconds to switch on the device.



1. Main menu will appear after startup screen is briefly displayed
2. Execute your preferred application by touching the relevant icon.

Low Battery Warning

If S7000 is powered from the internal battery and the 'Battery Low – Please Recharge' warning is displayed on the screen, the unit has approximately 20 to 30 minutes of battery power remaining. You should either connect the cigarette lighter adaptor lead to the unit whilst in the vehicle or recharge the battery from the mains adaptor supplied.



WARNING: PLEASE DO NOT USE OR LEAVE S7000 IN EITHER WET OR HUMID CONDITIONS, OR IN EXTREME TEMPERATURES, AS THIS COULD PERMANENTLY DAMAGE THE UNIT AND THE BATTERY. WHEN NOT IN USE DO NOT LEAVE THE UNIT ATTACHED TO THE WINDSCREEN, ESPECIALLY WHEN THE WEATHER IS WARM, TO AVOID DAMAGE TO THE UNIT AND ALSO REDUCE THE RISK OF THEFT.

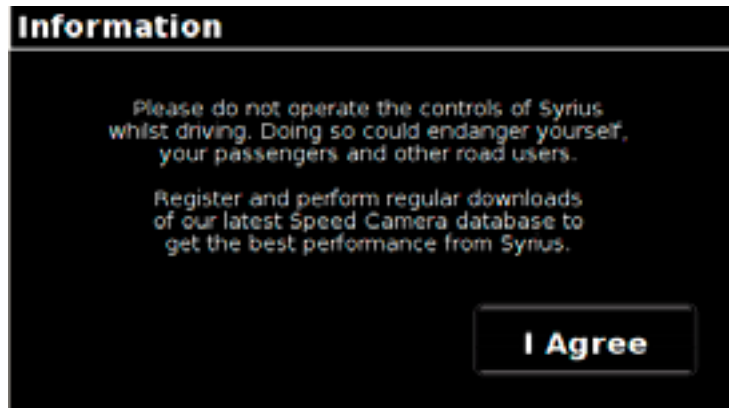
CAUTION: THERE IS A RISK OF EXPLOSION IF THE BATTERY IS REPLACED WITH AN UNAPPROVED TYPE. USING THE WRONG TYPE OF BATTERY MAY DAMAGE YOUR UNIT AND INVALIDATE YOUR WARRANTY. ONLY SNOOPER AUTHORISED PERSONNEL SHOULD REPLACE THE BATTERY. PLEASE DISPOSE OF USED BATTERIES ACCORDING TO LOCAL WASTE MANAGEMENT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

Satellite Navigation

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 by moving the 'Batt. ON/OFF' switch to the 'ON' position and then press and hold the standby power switch on the left hand side of the unit for 2 seconds.

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



Please read the warning and press  to continue.

Whilst S7000 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. S7000 needs to acquire a minimum of four satellites in order to work. Once this has been achieved S7000 will ascertain your position and this will be indicated by a green arrow icon on the on-screen map and the GPS signal strength will be shown in the bottom right hand corner of the display. S7000 is now ready to navigate.

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

2. Easy Set Up

2.1 Screen settings

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



3D



2D



North



or



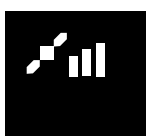
Current time or vehicle speed - press to switch between the two.



or



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



GPS Signal strength



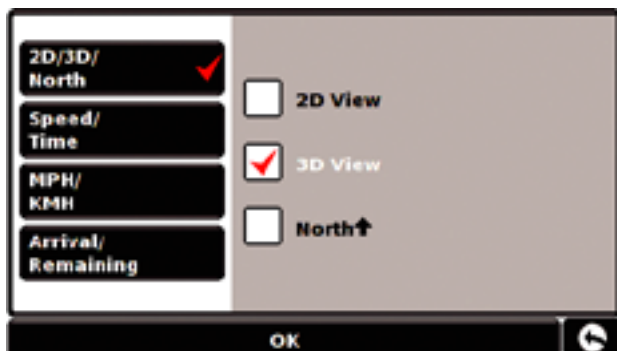
Battery status

To modify the information shown:

- Access the Menu by simply touching S7000 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 S7000. 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 Brightness Control

S7000 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.

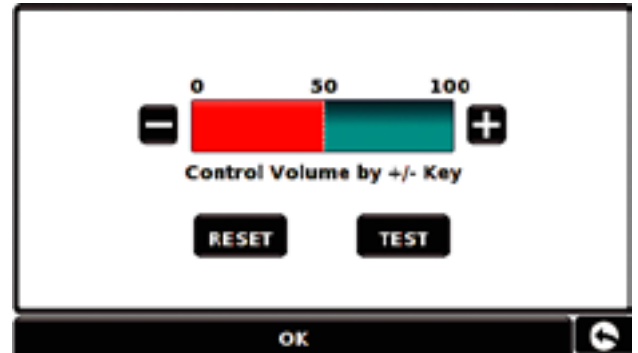


Volume Control

2.3

S7000 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.

3. Planning a route

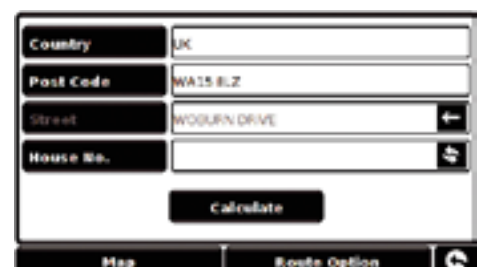
There are several ways to plan a route on S7000.



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 S7000, 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.



- S7000 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 AURA™ Speed Camera database you will automatically be alerted to all **'Fixed'** Speed Cameras and other Accident Hotspots during your journey ensuring that you are always aware of the correct speed limit whilst travelling along any particularly hazardous stretches of road.



AURA™
Camera & Driving Hazard Database



3.2 Find By City

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

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Find by City'** icon.
- If you have the European version of S7000, 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, S7000 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, S7000 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 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 S7000 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, S7000 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.

S7000 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 S7000 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, S7000 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.

S7000 will display details of the destination and offer a '**Go**' button and a '**Route Option**' button. Press '**Go**' to begin your journey.



3.5 Recent Route or Clear Route

S7000 automatically stores the last route that has been calculated, so that if you wish to return to that address you do not have to re-input all the details again.

To use this function:

- Press the centre of the screen to enter the '**Navigate to**' menu.
- Press the '**Recent Route**' icon.

S7000 will now calculate the route to your selected location.

Once a route has been calculated, the 'Recent Route' icon is replaced with a 'Clear Route' icon. To cancel a route that you have calculated:

- Press the centre of the screen to enter the '**Navigate to**' menu.
- Press the '**Clear Route**' icon.

The route will then automatically be deleted.

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



3.6 Multi-route

With S7000 you have the facility to enter more than one destination at a time (for instance if you wish to visit other locations before reaching your ultimate destination). You can store up to ten individual destinations. The unit will process and calculate the destinations in the following order: A to B, B to C, and C to D etc. When entering the destinations you are able to review the routes and change the order of the routes before pressing '**Go**'.

3.6.1 Create a Multi-route

- Press the centre of the display to enter the '**Navigate to**' menu.
- Press the '**Multi-route**' icon.

You will then see the 'Multi-route screen' that allows you to:

- Create a multi-route
- Use or edit a previously stored multi-route
- Delete a multi-route.
- Press '**Create multi-route**'.
The following screen is displayed where you can:
 - > '**Edit**' the name of the multi-route
 - > Change the start point of the multi-route
 - > '**Add**' your destinations.
 - > '**Save**' your destinations
 - > '**Calculate**' your multi-route
- Press '**Edit Name**' to create a name for your new multi-route.



Please note: You can enter a new name for the multi-route using up to a maximum of sixteen characters.

- Press the 'Arrow' key to delete the current name for your multi-route.
- Type the new name of your multi-route using the keyboard.
- Press the '**Save**' button in the top right hand corner.

If you wish to change the start position of the multi-route, press 'Change Start' to change it. You are provided with several options to select your start position. To find out how to use these options please refer to the applicable sections earlier in this user manual.



If you are happy with the start position, you can now begin to enter the data of your first destination.

- Press **'Add'** – you are provided with several options to find your destination stage:
 - > Find address by City
 - > Find address by post code
 - > Find by POI
 - > Find by recently used



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

- Once you have entered the data press **'Set'**.
- The destination stage will now appear in the multi-route screen.
- Press **'Add'** to enter additional destination stages.
- Once you have entered all your destination stages press **'Save'**.

3.6.2 Editing a Multi-route

If you wish to change the order or delete any of the stages in the multi-route:

- Press the centre of the display to enter the **'Navigate to'** menu.
- Press the **'Multi-route'** icon.
- Press the name of the multi-route destination you wish to edit
- Press one of the stages listed and some new options will appear near the bottom of the display.
 - > To move the selected stage press the **'UP'** or **'Down'** arrow.
 - > To delete the stage press the **'Bin'** icon.
 - > To return to the stage list press the **'Return Arrow'**.

***Note:** These functions only apply to the stage that you have selected. To edit the other stages in the list press the 'Return Arrow' in the bottom right hand corner of the screen and select the new stage.*

Once you have made your desired changes press **'Save'**.

3.6.3 Using the Multi-route function

To use a saved multi-route:

- Press the centre of the screen to enter the **'Navigate to'** menu
- Press the **'Multi-route'** icon.
- Press the name of the multi-route destination you wish to use
- Press **'Calculate'**.

S7000 will calculate the route to each destination stage and provide a new summary screen with the distance to each destination stage along with the estimated duration of the journey to each destination stage from the start point.

- If you wish to view the calculated route on a map, press **'Map'**.
- If you wish to start using the Multi-route, press **'Go'**.

Please Note: If you press one of the stages listed before pressing **'Go'**, you will see a summary screen where you can either press **'Go'** to start navigation, **'Simulation'** to see the actual route that will be taken or **'Guide'** which will list the turn by turn instructions for that stage of the journey. The **'Summary Screen'** will also display the distance to your destination, estimated time of arrival and the estimated time it will take to complete that stage of the journey.

Once you have pressed 'Go' S7000 will now display your current map position along with a small summary screen located in the bottom left hand corner. The following information is displayed on the summary screen:

- Stage 1/4 - indicates this is the first destination of the journey
- Distance to first destination
- Estimated time of arrival to first destination.
- At the bottom of the screen the following information is displayed
- Total distance of multi-route journey
- Estimated time of arrival at the end of multi-route journey.



If, during the journey, you wish to cancel the current stage and begin travelling to the next stage in your multi-route journey press the summary screen in the bottom left hand corner of the display and the message 'Delete current stage?' will be displayed. Press 'OK' and the unit will calculate your route to the next stage in the multi-route from your current position.



Note: If S7000 is turned 'OFF' and then 'ON' during a multi-route journey the device will retain the current route and ask you if you wish to continue with the current destination or with the next stage of the destination or to cancel the multi-route.



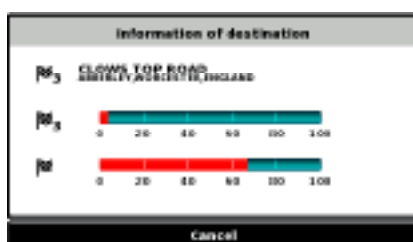
3.64 Auto arrange Multi-route

Once you create a multi route S7000 can 'arrange' the multi route in to a logical order by pressing the  icon



Once the route has been arranged press the  icon then press 

S7000 will now calculate the multi routes estimated time and distances



Then displays the route summary



Press  to continue or  to display the route on a map

3.7. System Security Code

S7000 incorporates pin code security protection so that only users with access to the pin code can use and operate the device. To activate the security code access the Menu by touching the centre of the screen of S7000 and then press the 'Configure' button. Next tap the 'System Security Code' icon and then select 'Yes' to switch the function on. Press the 'Enter Code' button and enter the 4 digit code that you would like to use to protect your S7000 and press 'OK'. Once this setting has been activated you will need to enter this code each time you power on your S7000 or you will not be able to operate the device.

NB. It is important that you do not lose or forget this code. If you forget this code you will need to return your S7000 so that the unit can be reset.

Configuration Security Code

It is also possible to protect the configuration settings using a security pin code. To activate the security code access the Menu by touching the centre of the screen of S7000 and then press the 'Configure' button. Next tap the 'Configuration Security Code' icon and select 'Yes' to switch the function on. Press the 'Enter Code' button and enter the 4 digit code that you would like to use to protect the configuration settings and press 'OK'. Once this setting has been activated you will need to enter this code each time you want to amend the configuration settings on your S7000.

NB. It is important that you do not lose or forget this code. If you forget this code you will need to return your S7000 so that the unit can be reset.




Find By

3.8 Favourites

S7000 has the capacity to store up to 100 user locations. To add your favourite locations see section 4.1 on page 26.

- To navigate to one of your stored locations:
- Press the centre of the screen to enter the '**Navigate to**' menu.
- Press the '**Find by Favourites**' icon.
- Select the favourite you wish to navigate to from the list provided.

The information about your chosen favourite is displayed.

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

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

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

Press  to move to the next screen




Recent

3.9 Destination

S7000 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:

- Press the centre of the screen to enter the '**Navigate to**' menu.
- Press the black arrow  once.
- Press the '**Recent Destination**' icon.
- Select the recent route you wish to navigate to from the list provided*.

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

- To start the journey press '**Calculate**'
- To change the route parameters press '**Route Option**' (see Route Options on page 35 for specific instructions).

- To view the location of the recent destination, press **'Map'**.
- To return to the previous page press the return arrow  located on the bottom right hand corner of the display.

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


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



3.10 Find By POI (Points of Interest)

If you would like to calculate a route to a hotel, airport, restaurant or even a golf course S7000 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, S7000 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.

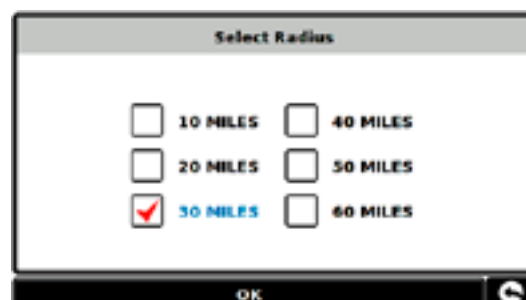
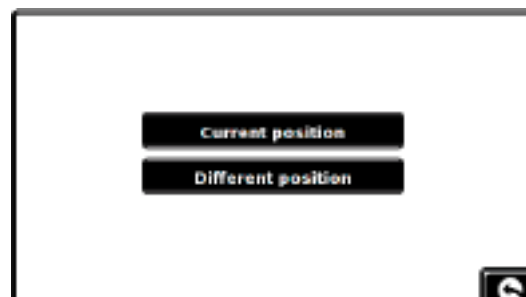


3.11 Find by Nearest POI

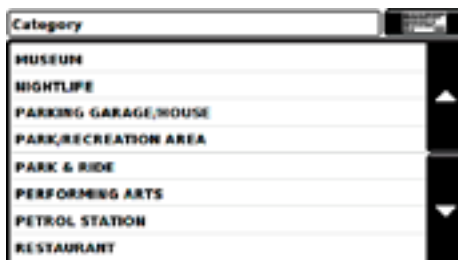
This function will help you to find the nearest POI from either your 'Current Position' or a 'Different Position' within a certain radius which can be specified up to a maximum of 60 miles.

3.11.1 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.

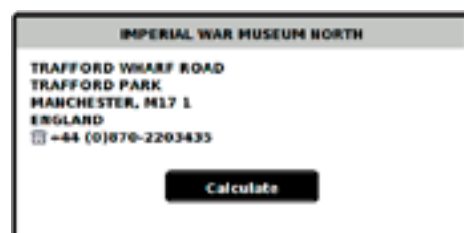


If you do not know which category to type, you can press the down arrow to the right of the lower window and all the category types will be displayed in alphabetical order. Use the arrows to the right of the display to scroll up and down through the category options. Once you find the category you are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

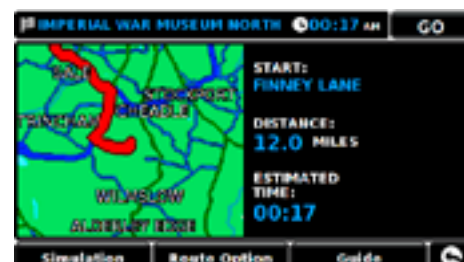


A list of POI's within the specified radius and category will be displayed. Use the arrows to the right hand side of the screen to scroll up and down through the options. When you find the POI that you are looking for, select it with your finger

- 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.

3.10.2 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.

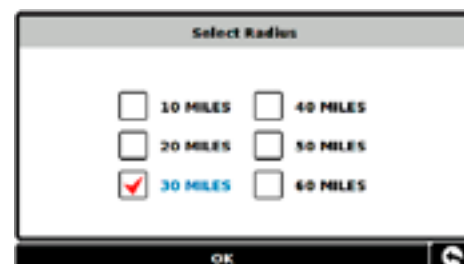
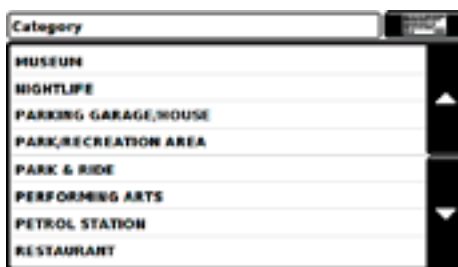
As you begin to input the city name, S7000 will automatically prompt you with a list of possible matches. If you can see the name of the destination you are searching for in the lower window, you can select it easily by pressing that name with your finger. If you wish to view the list of possible destinations 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, S7000 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.

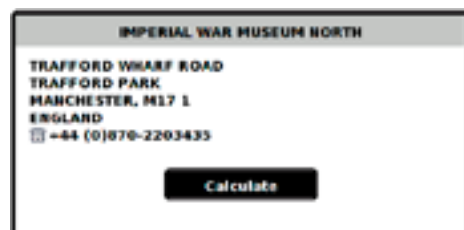
Once all fields have been completed you can view the new position by pressing 'Map' at the bottom of the screen.

- 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.



3.12 Find By Map

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

To navigate using this facility

- Press the centre of the screen to access the '**Navigate to**' menu.
- Press the black arrow ► once.
- Press the '**Find by Map**' icon.

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

- To see a larger section of the map press the button to zoom out.
- If you would like to see the map in more detail, use the button to zoom in.
- By pressing and moving your finger on the screen you can move the map around until you find your desired location.



- When you can see the required destination, simply press on the road of the map you would like to navigate to and the road name selected will be displayed at the bottom of the screen.
- Press '**Quick Menu**' and then press '**Continue**'.
- 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.



3.13 Re-Route

S7000 can recalculate your route by avoiding certain roads or redirecting you by distance. This facility only becomes available once you have calculated a route.

To perform a re-route:

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the black arrow ► once.
- Press the **'Re-Route'** icon.

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

*In order to use this function on S7000 you will need to have entered and calculated a route.
If the 'Re-Route' icon is greyed out a route has NOT been entered.*

3.13.1

Avoid By Road Name

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

- Press **'Avoid by Road Name'**.

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

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

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

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

3.13.2

Avoid By Range

If you wish to avoid several roads from the selected route calculated by S7000, then this function allows you to re-calculate a route over a user defined distance, ranging from 1 mile up to a maximum of 100 miles.

To use this function:

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

If you wish to view more range distances then press the down arrow on the right hand side of the display. Once you have selected the range you wish to avoid S7000 will automatically re-calculate your route.

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

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

3.13.3

Clear Avoided Road

If you do not wish to use the alternative routes offered by S7000 and you wish to return to the original calculated route, press the **'Clear Avoided Road'** button and the original route plotted by S7000 will be restored.

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

Please Note: If you have already travelled some of the re-calculated route, S7000 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.



Route

3.14 Description

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

To view the summary screen:

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the black arrow once.
- Press the **'Route Description'** icon.

In order to use this function on S7000 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 start navigation, **'Simulation'** to see the actual route that will be taken, **'Route Option'** to change the parameters of the route or **'Guide'** which will list the turn by turn instructions of the journey. The **'Summary Screen'** will tell you the distance to your destination, estimated time of arrival and the estimated time it will take to complete your journey.

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



Multi-route
description

3.15

After a multi-route has been calculated and the journey has commenced you can access the multi-route information again using this summary function.

To view the information of the multi-route:

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the black arrow once.
- Press the **'Multi-route Description'** icon.

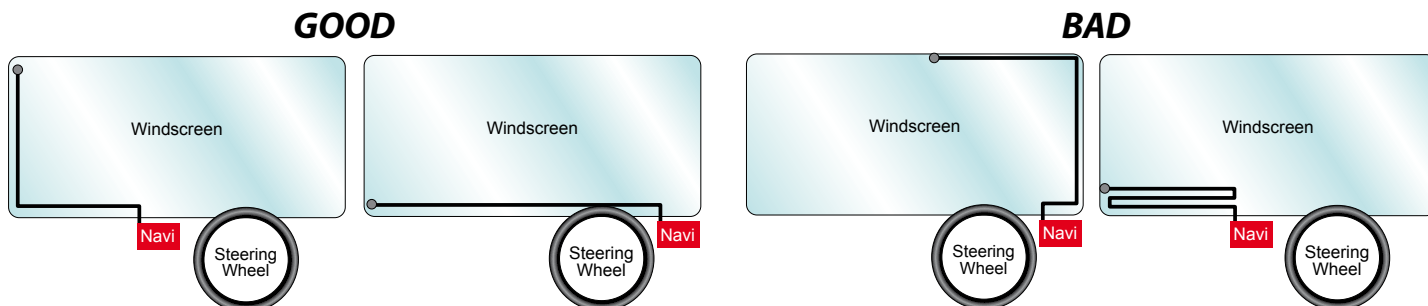
In order to use this function on S7000 you will need to have entered and calculated a route. If the 'Route Description' icon is greyed out a route has NOT been entered.



3.16 TMC (Traffic Message Channel)

Mounting the Antenna: The antenna is connected to S7000 via the TMC socket on the base of the unit, the antenna should be attached to the windscreen using the suckers provided.

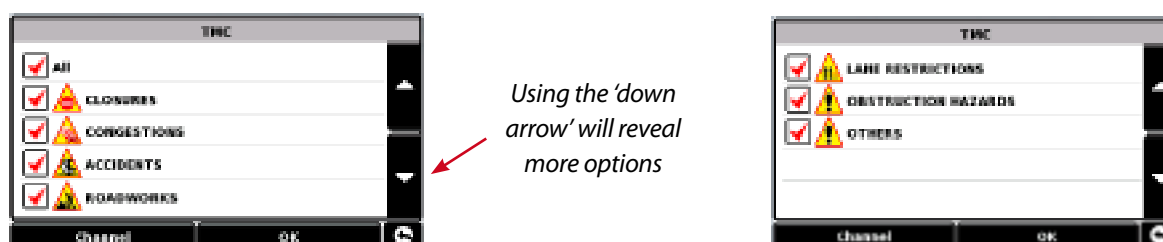
The positioning of the antenna will affect the reception of TMC 'alerts' (see diagrams below for positioning guidance)



TMC Options

The type of alerts you receive whilst using TMC can be edited in the configuration menu of S7000. To access the menu press the centre of the display, then press **Configure** then **►** and then

The following options are displayed:



The options can be deselected by pressing the – the box will be displayed with the red tick removed . To finalize your selection press **OK**

TMC Icon

Once the unit starts to receive any TMC alerts one of the two following icons will appear on the main screen

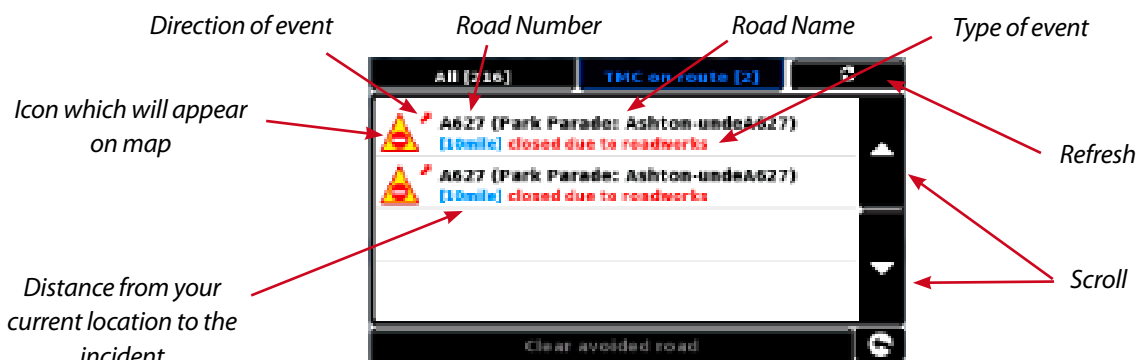


This icon appears if S7000 has received TMC information but the delay or incident is not on your route.



This icon appears if the S7000 has received TMC information and the delay or incident affects your plotted route.

To show the TMC incident press the icon and the following screen is displayed:



To show TMC events which are NOT on your route press **All [216]**

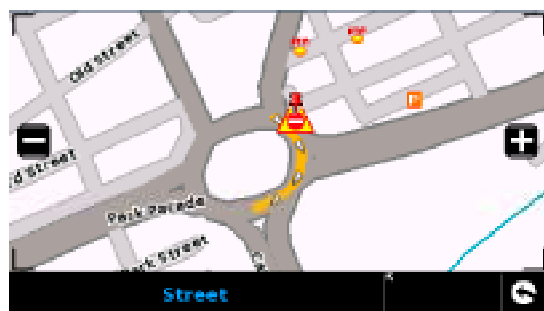


To see a more detailed description press the TMC warning:




To avoid the incident press **Avoid** S7000 will now calculate an alternative route.

To view the incident press **Map**



To return to the previous screen press **Back**

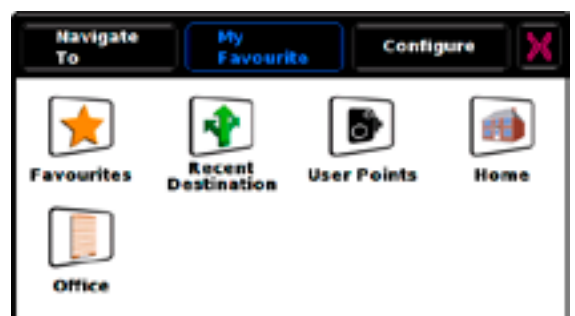
If you want to return to the original route (not avoiding the incident) then press the TMC Icon  and press **Clear avoided road** S7000 will recalculate the original route

4.0 My Favourite

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

4.1 Favourites

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



4.1.1 Add a favourite destination

- Press the centre of the 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  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

4.2 Destination

This function can be used to delete any or all of the recent destinations that are stored on S7000. S7000 can store up to a maximum of 40 recent destinations.


4.2.1 To delete individually stored recent destinations

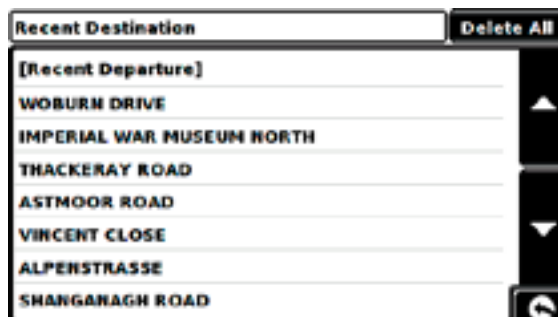
- Press the centre of the screen to access the **'Navigate to'** menu.
- Press **'My Favourite'** at the top of the display.
- Press the **'Recent Destination'** icon.
- Select the recent destination you wish to delete.

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



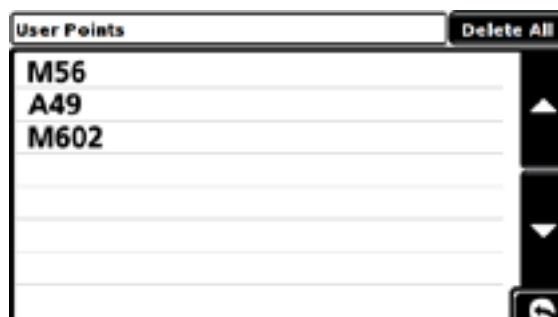
4.2.2 To delete ALL stored recent destinations

- 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.



4.3 User Points

This function can be used to edit or delete any or all user stored locations that you can store in S7000. The unit has the facility of storing up to 100 user locations. (For further information on saving new coordinates, please refer to the section 'Saving New User Points' on page 40).




4.3.1 Editing user points

Once a user point has been stored onto S7000 the location requires editing so that the correct alert will be given when you approach the user stored coordinate. To edit the user point:

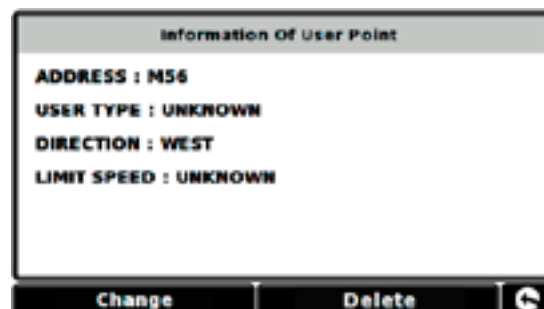
- Press the centre of the display to enter the '**Navigate to**' menu.
- Press '**My Favourite**' at the top of the display.
- Press the '**User Point**' icon
- Select the user point you wish to edit.

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.



Information Of User Point	
ADDRESS :	M56
USER TYPE :	UNKNOWN
DIRECTION :	WEST
LIMIT SPEED :	UNKNOWN

Change Delete 



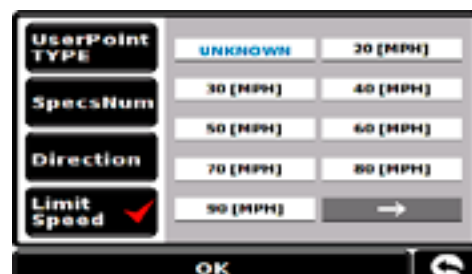
UserPoint TYPE
UNKNOWN
GATSO
TRUVELD
SPECS
RISKZONE
SCHOOL
HOTSPOT
FIRE STATION
AMBULANCE



OK 




UserPoint TYPE
NORTH
NORTH WEST
WEST
SOUTH WEST
SOUTH
SOUTH EAST
EAST
NORTH EAST
BOTH WAY

OK 

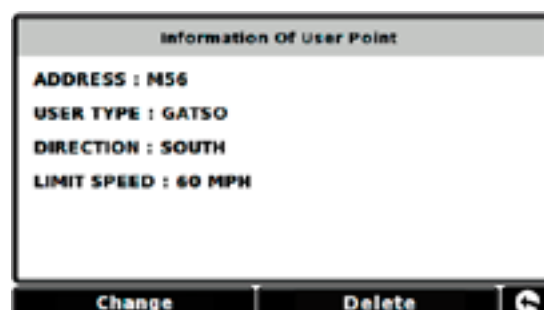


UserPoint TYPE
UNKNOWN
30 (MPH)
40 (MPH)
50 (MPH)
60 (MPH)
70 (MPH)
80 (MPH)
90 (MPH)



OK 

- > 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.




Information Of User Point	
ADDRESS :	M56
USER TYPE :	GATSO
DIRECTION :	SOUTH
LIMIT SPEED :	60 MPH

Change Delete 

4.3.2 Changing the name of your user point

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

- Press the centre of the display to 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  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.

4.3.3 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.

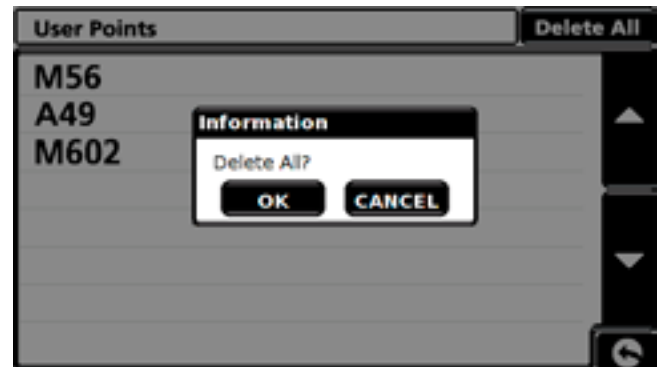
You can scroll through the list of user points by using the up, down arrows located on the right hand side of the display.

- 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.

4.3.4 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

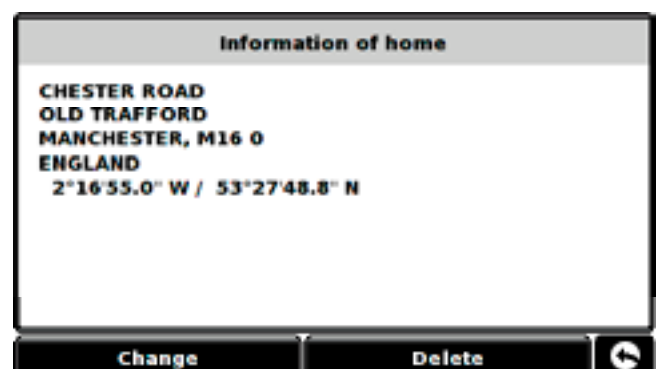
To set up and use this function was explained in **Section 3.3** earlier in the manual. When this function is accessed from the 'My Favourite' menu, you are able to change the 'Home' location (for example if you move house) or to delete the 'Home' location.

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'**

S7000 will automatically save this location as your 'Home' or 'Office' destination.



5.0

The **'Configure'** menu is used to customise the operation and appearance of your unit. To access the **'Configure'** menu

- Press the centre of the screen to enter the 'Navigate to' menu
- Press the **'Configure'** button at the top of the display.





5.1 Brightness Control

S7000 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 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.



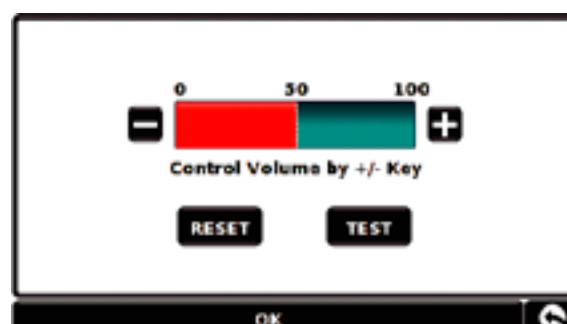
Please note: If 'Day' is ticked when you press 'OK' at the bottom of the display S7000 will retain this setting when the unit is switched OFF. The same also applies if 'Night' is ticked.



5.2 Volume Control

S7000 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.





5.3 Change Language

S7000 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.

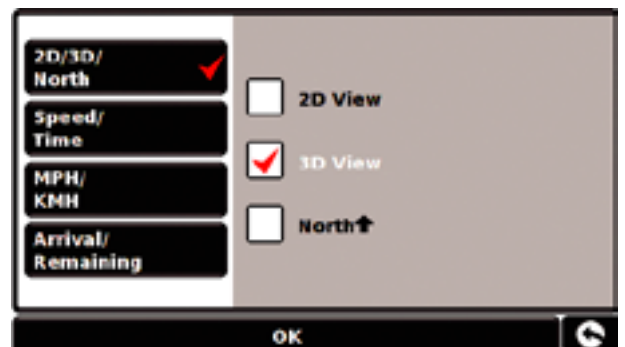


5.4 Setup

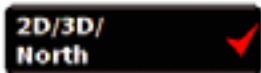
The **'Setup'** function allows you to customise the visual information provided by the navigation screen. To alter any of these settings:

- 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

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



3D

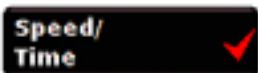


2D



North

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.



5.4.3

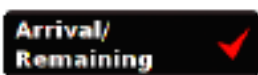


This option allows you to switch the information on S7000 between imperial and metric measurement.

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



5.4.4




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

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

To save any of the changes press the '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 S7000.



5.5 Show POI

S7000 comes complete with a comprehensive list of POI's (Point's of Interest). You can search for addresses using POI's and save POI's in your list of favourites. You can also choose which of the POI's you would like to have indicated on your map. As standard ALL POI's are shown, however this list can be edited within the POI Menu.

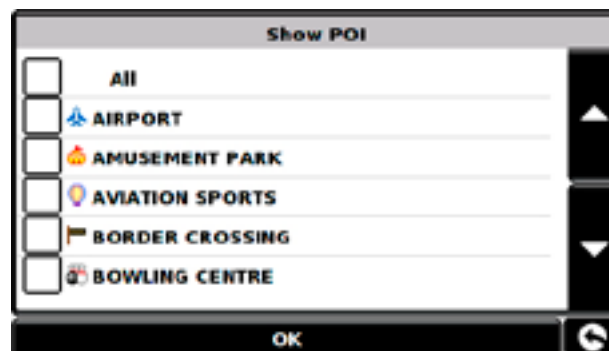
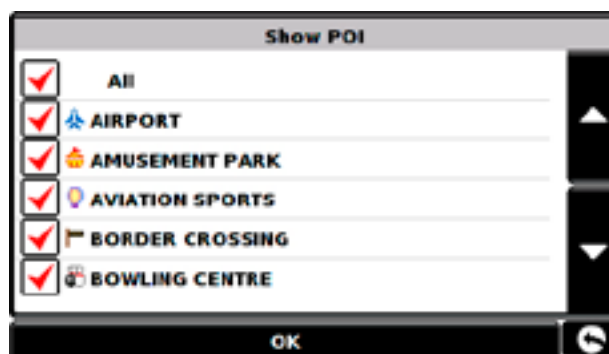
- Press the centre of the screen to enter the 'Navigate to' menu.
- Press the 'Configure' button.
- Press the 'Show POI' icon.

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.



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.

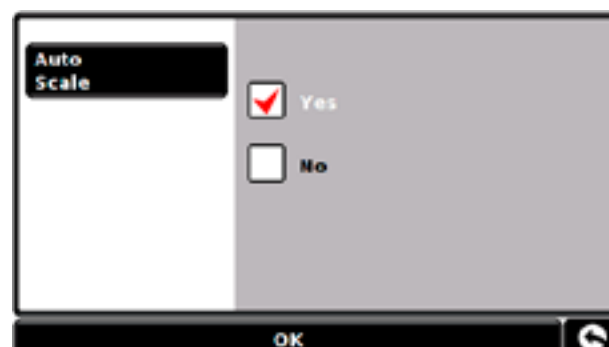
Auto Scale can be turned on and off as you wish. To change this setting:

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

The screen will now show two options '**Yes**' and '**No**'. To make your selection, touch the relevant tick box with your finger.

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

If you wish to exit the 'Auto scale' menu without saving any changes press the return arrow  located in the bottom right hand corner of the display.



5.7 Camera Alert

In order for this feature to operate you will need to subscribe to and download the AURA™ Camera Database onto S7000. See 'Registering S7000' (Page 6) and 'System Requirements & Downloading' (page 9) for further details.

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

- Press the centre of the screen to enter the **'Navigate to'** menu.
- Press the **'Configure'** button.
- 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 fixed speed safety camera warnings are displayed on the navigation screen.

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

5.7.2 **Alert Sound**

You can choose between the following options:

Yes: The unit 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**

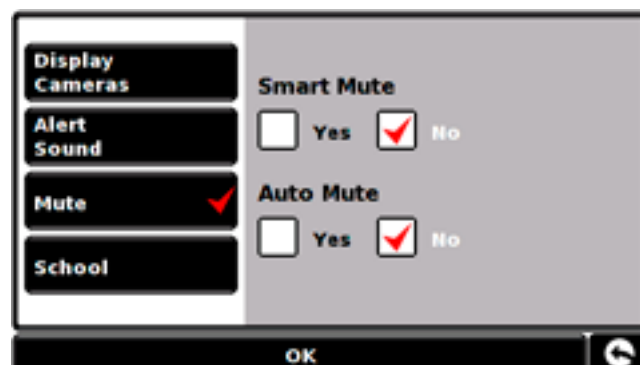
You can choose between the following options:

Smart Mute

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

No: The unit will emit a warning irrespective of the speed of the vehicle (the vehicle must be travelling above 20 mph).

** A visual warning will always be given.



Auto Mute

Yes: The unit will provide an audible alert at your set audible level but will then reduce this alert to a lower level after a few seconds when you are approaching a safety camera.


No: S7000 will continue to emit a tone at a constant audio level until the camera has been passed.

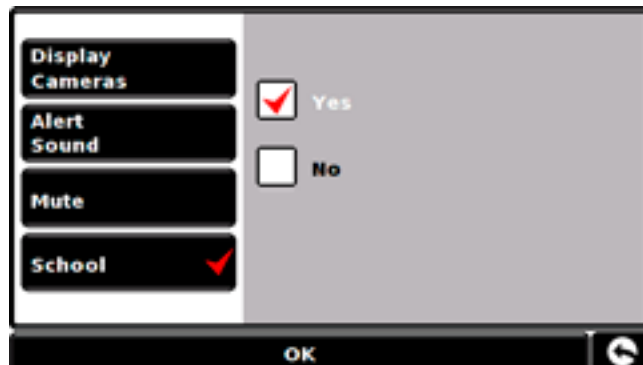
To make your selection, touch the relevant tick box with your finger.

5.7.4 School

You can choose between the following options:

Yes: Provided you have selected the option to download schools on S7000 updater software, this feature enables the unit to alert you when you are near a primary school*.

No: The unit will not provide alerts of Primary schools. Schools are indicated on S7000 display by the  icon.



***Please note: S7000 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



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.

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



5.8.2



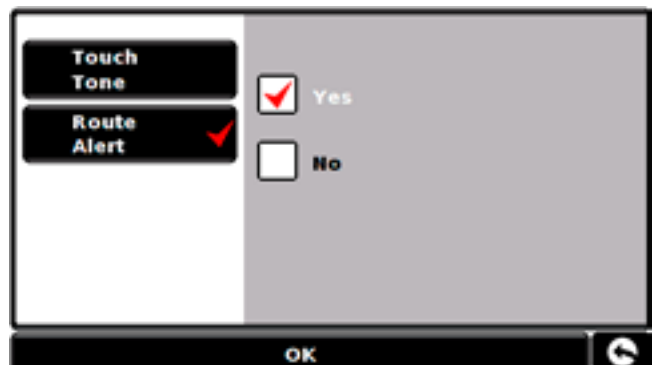
If you deviate from the calculated route, S7000 will automatically recalculate a route without any user intervention. To indicate rerouting is in progress S7000 will emit an audible tone.

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.

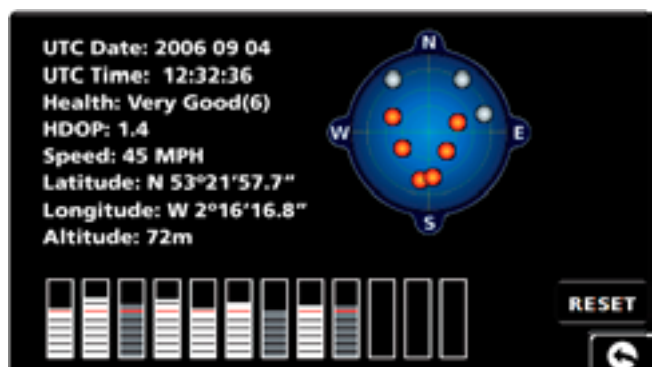
5.9



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 revert the GPS engine to the factory default, press the 'Reset' button.




If you wish to exit the 'GPS status' menu by 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 S7000 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  once.
- 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 Qwerty Keyboard

This function allows you to switch between a 'Qwerty' keyboard which is the keyboard selected as the factory default setting or a keyboard arranged in alphabetical order.

- Press the centre of the screen to enter the '**Navigate to**' menu.
- Press the '**Configure**' button.
- Press the black arrow once.
- Press the '**Qwerty keyboard**' icon.
- Select '**Yes**' or '**No**' depending on the keyboard preferred.



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 'Qwerty keyboard' menu by pressing the return arrow  located in the bottom right hand corner of the display.



5.12 Bluetooth

S7000 comes with the facility to wirelessly connect to other Bluetooth enabled devices such as mobile phones.

5.12.1 Activating Bluetooth on S7000

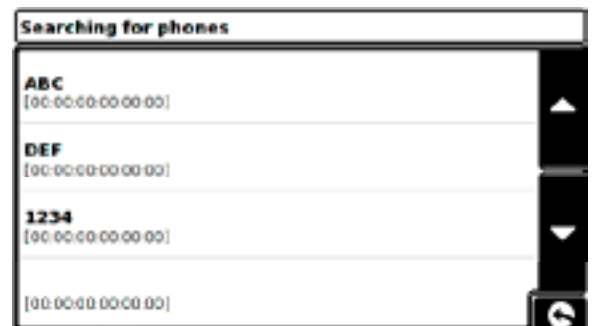
- Press the centre of the display to enter the 'Navigate to' menu.
- Press 'Configure'.
- Press the black arrow ► once.
- Press 'Bluetooth'.
- Press 'Configure'.
- Press the box to the left of 'Enable' – a red tick will appear
- Press 'OK' at the bottom of the screen.



5.12.2 Pairing S7000 to another Bluetooth Device

IMPORTANT: Please make sure that Bluetooth is enabled on your mobile device and that the device is visible before attempting to pair it with S7000.

- Press the centre of the screen to enter the 'Navigate to' menu.
- Press 'Configure'.
- Press the black arrow ► once.
- Press 'Bluetooth'.
- Press 'Search' – the device will search for and display a list of Bluetooth devices.
- Select the Bluetooth device you wish to pair with S7000.
- Enter the passkey onto the Bluetooth device provided on the screen of S7000.
- Your Bluetooth device is now paired with S7000



Note: When both Bluetooth devices are paired, you will see a symbol in the top left hand corner of the display as shown below. This symbol is 'Blue' when the devices are connected and 'Red' when the devices are not connected.

5.12.3 Making a call using S7000

- Press the 'Phone' icon
- Press 'Dial'
- Enter the telephone number using the keypad
- Press the button
- To adjust the volume during the call press the 'Phone' icon – use the and symbols to adjust.
- To end the call, press the button.
- To dial the last number used press 'Re-Dial'.




5.12.4 Receiving a call using S7000

- Press the button on the display when receiving a call.
- Press the button to reject the call.

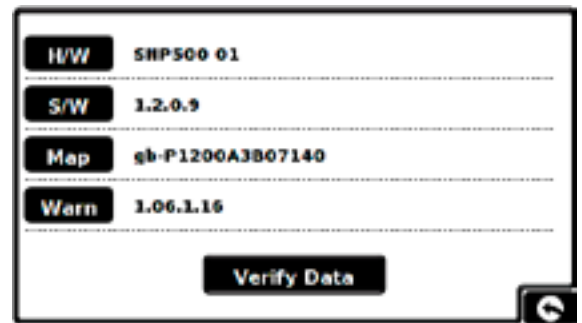


5.13 Version

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

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

The following screen will be displayed.



H/W	Displays the hardware version of S7000
S/W	Displays the current software version of S7000 operating system
Map	Displays the current map version
Warn	Displays the date the AURA™ camera database was last downloaded*.

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

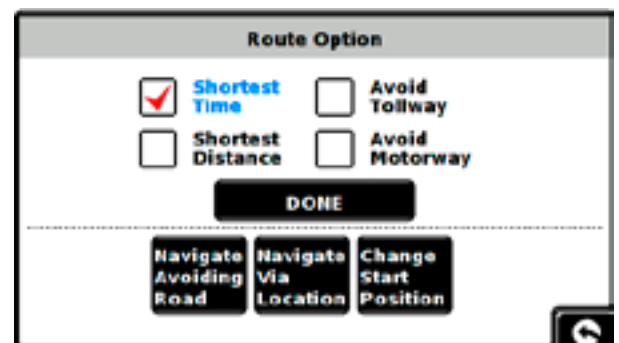


If you wish to check the reliability of the software data on your SD card then press this button and S7000 will then perform a 'system check' to ensure that the SD card information is at optimum efficiency.

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 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 S7000 to navigate you to your destination in the shortest time possible whilst adhering to the national speed limits.

6.1.2 Shortest Distance

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

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

6.1.3 **Avoid Tollway**

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

6.1.4 **Avoid Motorway**

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

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

Other routing options are:

6.2 **Navigate Avoiding Road**

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

6.2.1 **Avoid By Road Name**

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

- Press **'Avoid by Road Name'**.

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

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

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

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



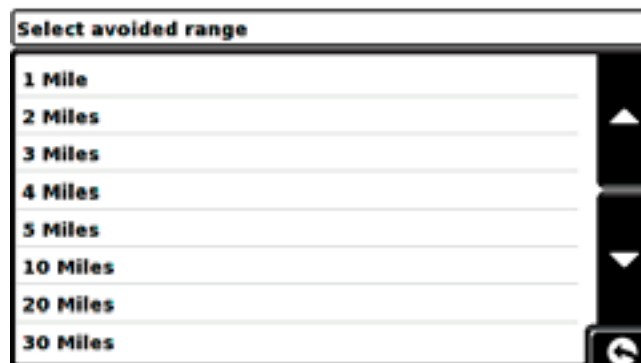
6.2.2

Avoid By Range

If you wish to avoid several roads from the selected route calculated by S7000, then this function allows you to re-calculate a route over a user defined distance, ranging from 1 mile up to a maximum of 100 miles.

To use this function:

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



If you wish to view more range distances then press the down arrow on the right hand side of the display. Once you have selected the range you wish to avoid S7000 will automatically re-calculate your route.

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

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

6.2.3

Clear Avoided Road

If you do not wish to use the alternative routes offered by S7000 and you wish to return to the original calculated route, press the **'Clear Avoided Road'** button and the original route plotted by S7000 will be restored.

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

Please Note: If you have already travelled some of the re-calculated route, S7000 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.

Clear Avoided Road

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:

- Find address by City
- Find address by post code
- Find by POI
- Find by recently used

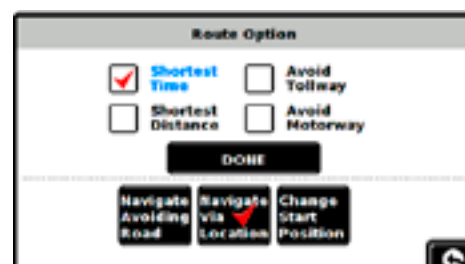


To find out how to use these options please refer to the applicable sections in this user manual.

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

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

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



6.4

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.

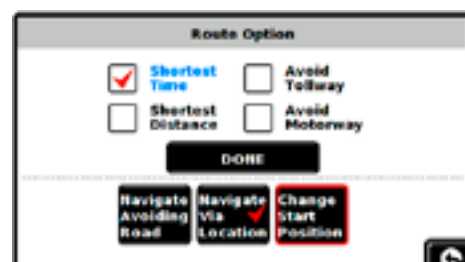
Now press the **'Change Start Position'** icon. You are provided with the following search options:

- Find address by City
- Find address by post code
- Find by POI
- Find by recently used

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 S7000 will take you through the calculated journey step by step with full on screen and voice instructions.

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

6.5.2 Route Option

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

6.5.3 Guide


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

7.0 Quick Access Menu

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



The quick access menu will drop down automatically. If no other button on the drop down box are 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. Press the **'Volume Control'** icon. To adjust the volume, use your finger to press either the  button to increase the volume or the  button to decrease the volume.



Please note that this new setting is only temporary and if S7000 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 **'Volume Control'** 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 AURA 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 S7000'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 S7000 display will show an orange information box. This box will tell you the next road you should be travelling on and the distance to that turn. The screen will also show you either the expected time of arrival or the time left to go. The distance left to your destination will also be displayed.

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



The red line indicates the route you will be taking

Next motorway exit or road you are due to travel on

Distance left to next instruction

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

Distance left to travel

Current road

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 1st exit on the B5358

Distance to roundabout

As well as navigating

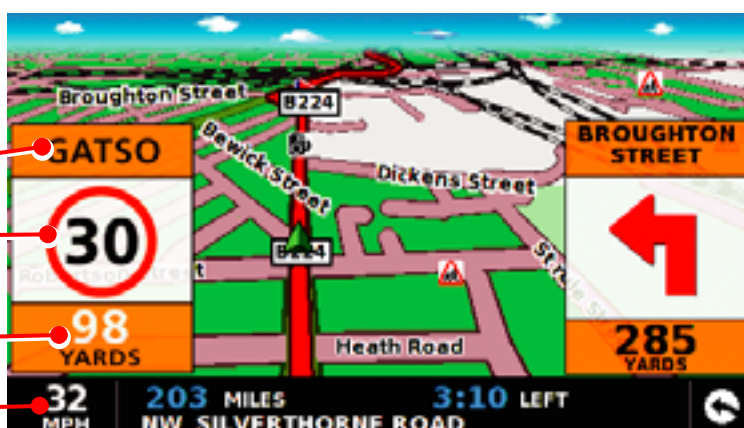
Gatso Safety Camera Alerts

Speed camera type

Speed limit

Distance to camera

Your current speed



you safely from A to B, S7000 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 S7000 to alert you to Fixed Speed Cameras and Accident Black spots you will have to register and download the AURA™ Camera Database.

9.1 Fixed Speed Safety Cameras

As you approach a fixed speed safety camera the unit will begin to provide both a voice alert stating the type of camera you are approaching and the fixed speed limit for that camera and a visual alert displaying the same information. The unit will also provide an audible tone (either a Soft or Hard beep depending on your personalised setting) and S7000 will provide updated information indicating the distance to the camera. As you move closer to the camera the 'beeping' will quicken. Once you have passed the fixed speed camera location, the unit will reset ready to alert you to the next potential accident black spot.

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

9.2 Risk Zones

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

9.3 SPECS Safety Camera Systems

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

When approaching the first camera in the SPECS system S7000 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.

S7000 will indicate the end of the SPEC's sequence by displaying 'SPECS END' and emitting an audible alert.

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

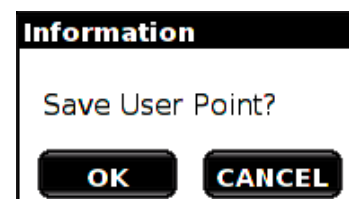
Please Note: If you join a road in the middle of a SPECS series you will automatically get a visual and audible alert, indicating the type of camera, 300 yards before the first camera that you pass.




9.4 Saving User Points

If in the unlikely event that you pass the location of a safety camera and S7000 does not provide you with an alert, you have the opportunity to store the coordinates of that location manually. Simply park safely and as close as possible to the site, then press and hold the 'M' button for approximately two seconds. The following dialogue box will be displayed.

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




User Points are displayed on the map as Green Camera icons 

For S7000 to alert you to a user point correctly the user point will need to be edited with the correct information such as the user point type and speed. (the direction is saved automatically). Please refer to 4.3.1 Editing User Points for full editing instructions.



9.4.1 Troubleshooting – Saving New User Points

When you attempt to save the new User Point and the Information window with ‘Save user point?’ is not displayed it means that the memory in S7000 is completely full. If you want to store any different coordinates, you will have to either delete some or all of the existing coordinates stored in the unit’s memory.

If you have subscribed and downloaded the AURA™ camera database on to S7000 you will be unable to store User points if your are in close proximity to fixed cameras which are already in the database and are shown as 

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

9.5 Fixed Camera Pre-Alert Setting

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

Detection distances for Fixed Cameras

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

Detection distances for Risk Zones

Speed Limit	Pre-Alert
20 or 30mph	300m
40 or 50mph	500m
60 or 70mph	700m

DVB-T Portable Digital Television

Please note that this function will only work in areas with a digital TV broadcast. Reception will vary depending on the strength of signal being transmitted in your region. Adding an extension DVB-T antenna can improve reception and can be purchased separately.

Programming and searching for channels

To view DVB-T, firstly extract the DVB-T antenna and then enter the Main menu and press the DVB-T button. Next press the SET button and followed by the REGION button. Select the region you are in and then press the back arrow in the top right hand corner of the screen to return to the previous screen. Then press the SCAN button followed by the START button. The S7000 will then begin to scan for the channels available in your area.

When Progress reaches 100% the S7000 will have finished scanning for channels. The number of TV and Radio channels found will be displayed on the left hand side of the screen. A list of channels found can be viewed on the right hand side of the screen.



Please note that the number of channels found is dependent on the quality of the digital TV service in your area. If no channels are displayed repeat the process and start the scanning process again. DVB-T will only operate in areas with a digital TV broadcast.

Viewing DVB-T TV and Radio channels

Once the S7000 is displaying a list of channels in the Program List press the back arrow in the top right hand corner of the screen. This takes you back to the DVB-T SET screen, press the back arrow again to take you to the DVB-T main menu screen. Double click on the channel you would like to watch and if there is sufficient signal strength the channel will appear in the small viewing window on the left hand side of the screen. To watch the program in full screen mode simply press on this window once. Touch the screen again to return to the DVB-T main menu screen.

DVB-T main menu features

Volume control

Adjust the volume by pressing the minus button to reduce the volume or the plus button to increase the volume.

EPG

Press this button to view program information of the channel highlighted in the program list

SET

Press this button to enter the channel scanning mode and DVB-T settings.

TV

Shows a list of TV channels that are currently available to view in your area

Radio

Shows a list of Radio channels that are currently available to view in your area

Favourites

Shows a list of channels you have saved as Favourites. See section on Saving Favourites below.

Signal Strength

Shows current strength of DVB-T signal in your area.

Volume

Shows current volume level set

Mute button

Press the mute button to temporarily mute the sound.

Please note that it is not possible to listen to DVB-T TV or Radio channels if you have the TMC antenna plugged in.

DVB-T SET

Subtitle

Switch subtitles on or off.

Please note subtitles will only be displayed if available

OSD

OSD 'On screen display' switch OSD on or off

Set Audio

LL

LR

RR

Set Language

CHANNEL

Arrange your channels in to a 'Favourites' file. Highlight the channel that you want to place in to the Favourites file and then press the 'Favourite' button.

Press the EPG button to view program information.

REGION

Press REGION button to select the region you are situated in.

SCAN

Press the SCAN button to search for available channels in your area.

To Exit DVB-T press the Power/Menu button once.

About DVB-T broadcasting

DVB-T digital television is only available in regions with a digital TV transmission

The quality of the DVB-T reception will be reduced if being watched in a moving vehicle.

IMPORTANT NOTICE. PLEASE READ

Never attempt to watch DVB-T digital TV whilst driving a vehicle. If a passenger wishes to view DVB-T in a moving vehicle, the unit must be positioned so that the driver cannot see the screen. Watching DVB-T TV whilst driving is illegal and highly dangerous.

Do not operate or attempt to operate this device whilst driving a vehicle.

Please install this product in a place where it does not interfere with the safety of the vehicle or any of the controls of the vehicle.

When installing this device make sure that the unit is placed in a position that does not obscure the drivers view of the road.

VIDEO

To view play and view Video press the Video button. Due to the size of some video files you will need to prepare a separate SD card with your video files and insert it in to the SD card slot.

1. File Name

You can see selected file name.

2. List (Refer to next page)

3. Rewind

You can move to the previous 30 seconds with each touch.

4. Forward

You can move to the next 30 seconds after with each touch.

5. Stop

6. Play/ Pause

7. Volume Up

8. Volume Down

9. Mute

10. Elapsed Time

11. Playback Position

12. Total Time



For Full screen view press the left hand screen once the video has begun to play. Press again to return to the original screen and DVB-T menu.

Open the Video List screen by pressing [List] from the VIDEO main menu.

1. File Path

2. Sub-folder

This indicates when there is Sub Folder under the Video Folder.

You can move into the Sub Folder by pressing it and select the file in it.

3. Video File

4. Back to Previous Menu

5. Move to Upper folder

6. List Up

7. List Down



Please note


- Playable file: WMV9
- Size: 480X272
- Video bit rate: 850Kbps or less
- Audio bit rate: 128Kbps or less

Please convert video files to meet the above conditions.

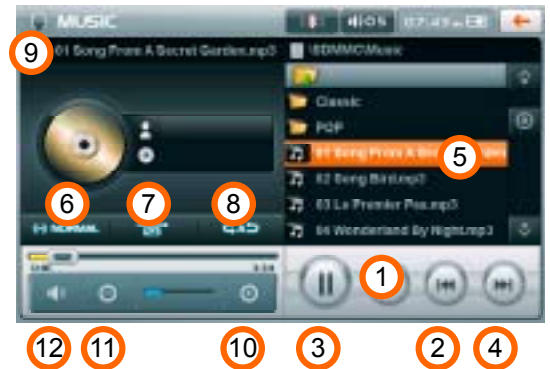
Suitable conversion tools can be downloaded from the Internet.

MUSIC

To play music such as MP3 files you will need to add your MP3 files to the SD card or prepare a separate SD card.

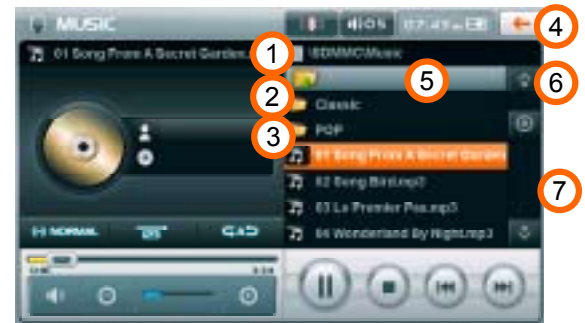
Press  button from the Main Menu

1. Stop
2. Move to previous file
3. Play/Pause
4. Move to next file
5. List
6. EQ Setting
7. Random Play
8. Repeat Play
9. File Name
10. Volume Up
11. Volume Down
12. Mute



Open the Music List screen by pressing [List] from the MUSIC main menu.

1. File Path
2. Sub Folder
3. Music File
4. Back to Previous Menu
5. Move to Upper folder
6. List Up
7. List Down



Please note

1. S7000 can play WMA, MP3, OGG files only.
2. If a file has not been converted to MP3, WMA, or OGG successfully it will not be played or will skip to another file during playing. In that case, please reconvert the file and try again.

Multitasking Function

MUSIC can be played with Photo and Navigation functions simultaneously.

Select and play the music you want to listen to within the MUSIC function. Then move to the main menu using the Power/Menu button. Next select Navigation or Photo menu and run your chosen program. You can then listen to music at the same time as using the photo or navigation function.

Please note

If you choose to operate navigation without ending the MUSIC function, navigation will operate whilst continuing to play your chosen music. In this case the voice guidance of the navigation will play over your music when necessary.

PHOTO

To view photos press the PHOTO button. Photos can be added to the existing SD card or prepared on a separate SD card.

Press the  button in the Main Menu to switch to PHOTO

1. Sub Folder
2. Image
3. Move to Upper Folder
4. Move to Previous Image
5. Move to Next Image
6. File Name
7. Slide Show



Please note

1. Some photos can be added to the SD card provided with the S7000. It is recommended however that you prepare a separate SD card for your music, photos and video etc
2. PHOTO folder will be created when you insert the SD card and turn on the power.
3. Always save photo file to PHOTO folder. You may make a sub-folder under the PHOTO folder to save the photo file.

Full screen view

You can see an image in full screen by double-clicking on the image window of the Main Menu.

You can also see the full screen image by double-clicking on the image in the List screen (thumbnail screen).



1. Move back to previous screen.
2. View previous image.
3. View next image.

If you touch the image, icons 1,2 and 3 will disappear. These icons will appear again by touching the image.


Slide Show

You can see the image in full screen by touching the Slide button. To stop the Slide Show, you can go to full screen mode by touching the screen and then move back to the main screen with the Return button.

Please note

1. Playable file formats are JPG, BMP, GIF, PNG.
2. Playable file size is 1024X768. Please note that a larger size than this may cause malfunction.
3. The optimum size is 480 X 272. Please note that a larger size than this may cause slower speed and malfunction.

System Settings

To enter the and adjust the systems settings press the  **SETUP** button.

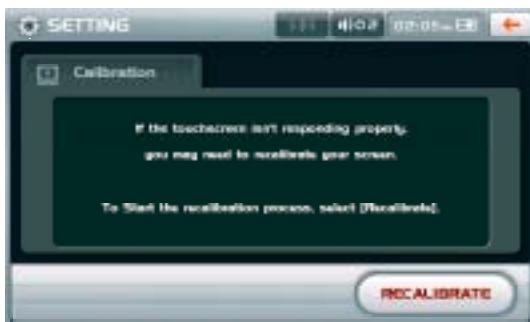


1. **Volume** – press this button to enter and adjust the systems volume control.
2. **Brightness** – press this button to enter and adjust the systems brightness control.
3. **Touch Sound** – select to switch touch screen sounds on or off
4. **Language** – press to enter and change systems language.
5. **Auto Video-In**
6. **POWER CONTROL**



- A. Controls the time the LCD backlight will remain on before automatically switching off. If you set to Always, the LCD will not automatically turn off. Please touch the screen to turn the LCD screen on again when it is turned off.
- B. Sets the time when the power will be automatically turned off if you are running the device using the built-in battery only. If you select Always the device will not power off automatically.
- C. Sets the time when the power will be automatically turned off if you are running the device using an AC power source or cigarette lighter adapter.

7. Touch Calibration



Use this function to re-calibrate the touch screen. Follow the on- screen instructions to recalibrate the screen.

8. Version Information

Press this button to identify the software version of your product.

To restore the original factory settings of your device press the **FACTORY RESET** button.



PHONE

By connecting the S7000 with a phone which has built-in Bluetooth users can call and receive phone calls.

Press the Phone button in the main menu.

1. Dial Pad : shows Dial pad screen to make a phone call
2. Redial : redials to the last successful phone call numbers
3. History : shows the latest 20 phone call lists
4. Setup : shows screen to set up connection and volume of Bluetooth

Dial pad Screen

When you press Dial pad in the main screen of Bluetooth, it turns out as following screen.

Use this if users want to make a phone call with this tool when the tool is connected to Bluetooth Phone.

1. Returns to the previous screen.
2. Indicates input numbers.
3. Dial pad for entering numbers.
4. Deletes the last digit number.
5. Tries to make a phone call to the input number.
6. Shows the latest 20-phone call list.



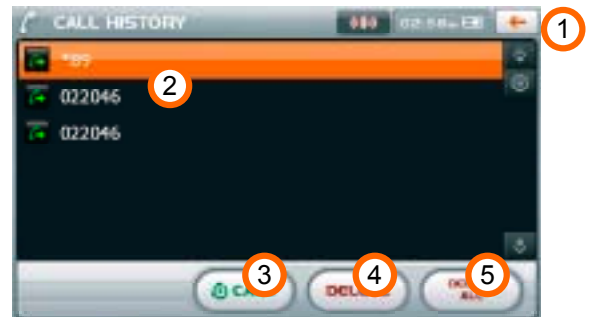
Call History Screen

When you press "History" in the main screen of Bluetooth or Dial pad screen, it shows following screen.

It indicates all previous phone call records.

Users can make a phone call to the phone number which is shown in the list.

1. Returns to the previous screen.
2. Shows the recent phone calls list.
3. Tries to make a phone call to the selected number in the phone call list.
4. Deletes the selected number in the phone call list.
5. Deletes entire phone call list.

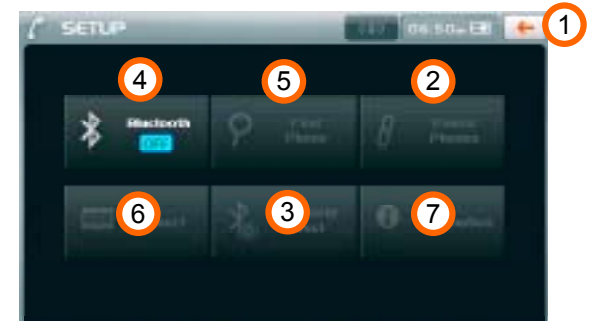


Setup Screen

When you press "Setup" in the main screen of Bluetooth, it shows the following screen.

It is a screen that performs manipulation to connect Bluetooth Phone.

1. Returns to the previous screen.
2. Paired Phones.
3. Bluetooth Reset.
4. Sets up On/Off of Bluetooth.
5. Sets up "Pairing" with a mobile phone.
6. Sets up "Connect/Disconnect" with a "Pairing" mobile phone.
7. Shows screen to show "Information" of Bluetooth.



Pairing

It means an operation which registers a tool in order to setup connections between a mobile phone which has Bluetooth function and tools.

In order to use Bluetooth function, it must be done with "Pairing".

Once the phone is done with "Pairing", there is no need to do "Pairing" again unless the phone is newly changed.

1. Activate Bluetooth by pressing "Bluetooth" button on a Setup screen.



2. It turns out as below when you press "Find Phone" button.



3. In order to cancel "Pairing" initiatives, press "CANCEL" button.

4. With a mobile phone that has Bluetooth function, search tools which are possible to connect, find and try to connect "Local Device Name" among the "Hands free" tools, which can be checked in an "Information" screen.

5. When the mobile phone shows a message to input "Pin Code", input '0000'.

6. When a mutual registration between a mobile phone and a tool is completed, the screen turns out as the image to the right



CAUTION! DEPENDING ON THE MOBILE PHONE, SOME TRIES "CONNECTION" AUTOMATICALLY WHEN THE "PAIRING" IS COMPLETED.

Connect / Disconnect

It means an operation that sets up connection between a mobile phone that has Bluetooth function and a tool.
When the "Pairing" is done, "Connection" must be done in order to use Bluetooth function.

1. When a mutual registration between the mobile phone and a tool is done through "Pairing" on the "Setup" screen, press "Connect" button and activate Bluetooth connection.



2. In order to disconnect connection, press "Disconnect" button.



CAUTION! THERE ARE SOME TOOLS WHICH ARE POSSIBLE TO "CONNECT / DISCONNECT" THROUGH THE MOBILE PHONE ONLY, DEPENDING ON MOBILE PHONE.

Information Screen

The following screen appears when you press "Information" on a Bluetooth Setup screen.

1. Returns to the previous screen.
2. Indicates "Firmware" version of Bluetooth, name and address of the tool, Pin code, and name and address of the tool which was last paired.



Incoming Call Screen

The following screen appears when there is a receiving phone call if it is connected with a mobile phone which has Bluetooth function.

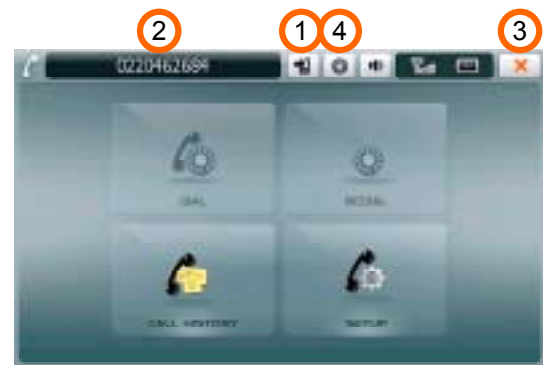
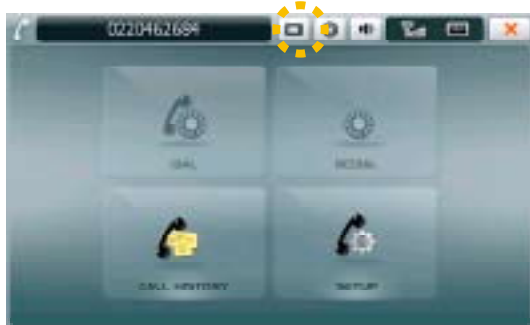
1. Answers an incoming phone call.
2. Ignores an incoming phone call.



Phone Call

When the user presses a "Redial" button in the Bluetooth main screen, or makes a phone call by pressing a "Call" button in a "Dial pad" screen, "History" screen, or answers a phone call by pressing an "Answer" button, makes a phone call or answers a phone call, the top of the screen shows as below.

1. Converts a phone call to the connected mobile phone and the icon is changed as below.



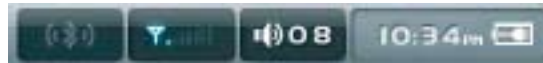
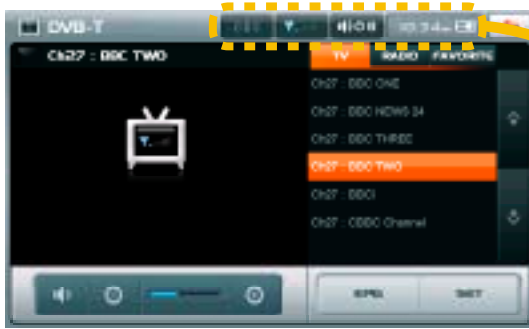
When you press the changed icon, it converts a phone call to the tool.

CAUTION ! DEPENDING ON MOBILE PHONE, SOME TOOLS AUTOMATICALLY DISCONNECT BLUETOOTH CONNECTION AFTER THE CONVERSION TO A MOBILE PHONE.

2. Indicates an incoming phone number or a phone call hour.
3. Ends phone call.
4. It is a button to indicate "Dial pad" on the left bottom corner as below when a digit input is necessary. In order to hide "Dial pad", press the button once more.



Screen Icons

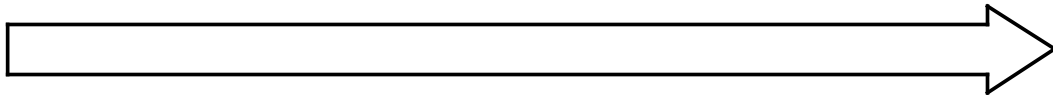


1. Receive Sensitivity of DVB-T

Indicates the receive sensitivity of the broadcast currently being received X means there is no reception and 5 antenna bars mean the highest receive sensitivity.



No reception



Maximum

CAUTION! THESE ANTENNA ICONS DO NOT INDICATE THE RECEIVE SENSITIVITY OF GPS BUT WILL BE DISPLAYED ONLY DURING DVB-T (DIGITAL VIDEO BROADCASTING – TERRESTRIAL).

2. Bluetooth ON/OFF

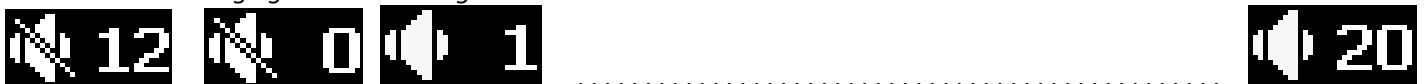
3. Time

Indicates the present time. It will be displayed during DVB-T broadcast only.

CAUTION! THE EXACT TIME MAY NOT BE DISPLAYED IN AREAS WHERE BROADCAST RECEPTION IS BAD.

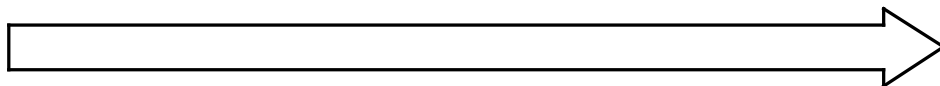
4. Volume

Indicates volume ranging from 0 to 20 stages



MUTE

Minimum



Maximum

5. Power Status

Indicates the status of battery and AC power supply connection.

4 bars of battery means full battery level, while empty means the lowest level.

When you connect AC adapter or cigarette lighter adapter, AC icon is showing.



External Power

Lowest

Highest

CAUTION! WHEN THE ICON WITH NO BATTERY BAR FLASHES, YOU HAVE TO RECHARGE THE BATTERY BY CONNECTING AN EXTERNAL POWER SUPPLY.

Troubleshooting S7000 Downloads

If you are having any difficulty in performing a download onto S7000 unit it is advisable to refer to the checklist in Section A first before contacting us.

If you are still unable to perform a download after following all of this checklist then please send an email to Support@snooper.eu stating the nature of your difficulty. To expedite your enquiry please supply as much detail as possible including your contact details, S7000 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 S7000 unit?

You will not be able to download the database unless S7000 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 S7000 connected to an AC mains power supply?

S7000 needs to be switched on BEFORE connecting it to the PC. If the battery charge on the unit is low, the unit may switch off during the download process and the download will fail. As a precaution, it is best to power the unit using the AC mains adaptor. S7000 must be powered from the AC mains adaptor as it does not receive any power from the USB cable.

Please use the AC mains adapter supplied with your unit and connect to the socket marked DC 5V on the back. To switch the unit on push the 'Batt. ON/OFF' switch located on the underside of the unit to the 'ON' position, then press and hold the standby power switch on the left hand side of the unit for 2 seconds.

Whilst S7000 software is loading a start-up display will be shown for just a few seconds and then a 'Safety Information Screen' will be displayed. At this point connect S7000 to the PC.

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

S7000 download software will only work on the following Windows operating systems:

Windows 2000, Windows XP and Windows Vista.

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

To determine which operating system you have on your computer:

Right click on the **'My Computer'** icon on your desktop and select **'Properties'** from the drop down menu.


When the **'System Properties'** dialogue box opens, the **'General'** tab is selected by default. Under the heading of **'System'** the operating system is displayed.

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

4. Is the USB cable supplied with S7000 connected correctly?

Please make sure 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 S7000 once you see the 'Safety Information Screen' after turning S7000 'ON'.

5. Have you installed S7000 download software onto your PC?

If you have not installed the download software you will not be able to perform a download to S7000. Once the software is installed there will be a new icon in your system tray, which is located at the bottom right hand side of your desktop near the system clock. The icon is similar to this 

Please check to see if you have the latest version of the software by visiting <http://www.snooperneo.co.uk/software.cfm> to check what software version you have, double left click S7000 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 the computer to the internet?

The download software has to download a file directly from our server and this can only be done if an internet connection is present. Therefore make sure that your PC is connected to the internet by either establishing a dial up connection or signing in to your broadband internet account **before** you begin to download the database to S7000.

7. 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 down load the database to S7000. If after completing all the checks in Section A and you are still experiencing difficulty or have received an error message please read through the following:

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

If S7000 Updater program results in either of the above error messages and you are up to date with your Windows Critical Updates and Service Packs then you may need to install Windows Script 5.6 for Windows 2000 and XP from Microsoft which isn't included in the Windows Update Website.

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

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

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

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

If you get an error message as described above this normally means that there is something blocking communication between the software, most typically a firewall, and the AURA™ 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 S7000 Updater software may appear to stop and it is at this point that your Firewall software will inform you that S7000 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 S7000, 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.

SECTION C

1. Touch and button are not working

Please check if the HOLD switch on the main unit is in the HOLD status.

2. Can't receive GPS signal

Please avoid the places like between buildings, overpass and tunnels and check the signal reception in a stable place with a good view of the sky.

When the battery is completely discharged or turning off and then on the battery switch, the initial acquisition time may be delayed.

3. There is no screen display, even though the power is turned on.

Please turn the battery switch on the rear of the main unit from OFF to ON.

Please connect the AC adapter and cigarette lighter adapter to the device and turn on the power switch because the battery may be discharged.

4. Can't play MP3/video/photo

Please check the playable file format from the manual.

5. The unit is automatically shut down during operation

Please check the power control setting in the Setting menu.

6. Can't hear anything from speaker or earphone

Please check the volume level.

Please check the Mute status.

For earphone, please check if the jack is inserted properly.

7. Screen is dark.

Adjust the LCD brightness from the Setting menu.

8. Broadcast cannot be scanned./ Broadcast is stopped.

Pull out the antenna and move to a good place for reception or adjust the antenna position.

9. *Can't read the SD card*

- Please remember that this device supports SD type or SDHC class 6 type card with max. 8GB.

Please check if the file system is of FAT16 or FAT32.

Please check if the surface of the card is stained with dirt.

10. *Can't write on the SD card*

Please use the SD card after removing Write Protect.

Please check if SD card is properly inserted.

Please check if the surface of the card is dirty.

11. *Touch function does not work well.*

Please touch the screen accurately because it cannot be recognized if you touch the screen with only fingernails or with less pressure.

Please perform Touch Calibration.

12. *Can't charge the battery*

-Please check if the AC adapter/Cigarette lighter adapter is connected correctly.

-Please check if the contact area is dirty.

If you operate the unit during USB charging, the charging may not be completed. So please turn off the unit to charge or charge the unit by using AC/cigar adapter.

13. *Can't recognize USB cable from PC*

Inserting SD card enables to recognize it as UMS and to be seen as a directory from PC. Please check the SD card insertion.

Please check if the USB cable is normal and make sure it is connected properly.

14. *Can't mount the cradle*

Please remove the dust from the place you want to mount.

Please wash and dry the suction-cup with flowing water and try again.

S7000

SPECIFICATION

Processor (CPU)	Intel PXA-270 (Xscale micro architecture core) 312Mhz
OS	Linux 2.6.X
Memory	Flash 8MB SDRAM 64MB
Memory Card	SD Card 256MB (UK & Ireland) SD Card 2GB (Western Europe)
GPS Receiver	The latest "SiRF Star III (Chip Set)"
GPS Antenna	Patch Type (15 x 15) Active Antenna
LCD Display	4.3", TFT LCD (480 x 272 pixels, 64,000 Colours)
Bluetooth	Module – CSR Chipset Antenna – Integrated chip type
User Interface	Touch Screen
Speaker	Integrated high quality loudspeaker
Microphone	Integrated microphone for hands free calling
Battery	3.7V Integrated Li Polymer Re-chargeable, 1850mAh
Power	5V DC operational
Current	500mA (Normal) in Operation 850mA (Normal) in Charging 1.35A (Normal) in Operation & Charging
Operating Temperature	- 10 °C ~ + 60 °C

***Note: Only the SD card supplied will work with S7000 once synchronisation of the card and the unit has been completed. Replacement cards are available from Performance Products Limited. Please refer to Accessories & Price List for further details.**

Recommendations for safe use of product (S7000, Battery, AC Mains Charger and other accessories)

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

CHILDREN

KEEP OUT OF CHILDRENS REACH. DO NOT ALLOW CHILDREN TO PLAY WITH S7000 OR ITS ACCESSORIES. THEY COULD HURT THEMSELVES OR OTHERS, OR COULD ACCIDENTALLY DAMAGE YOUR UNIT OR ACCESSORY. S7000 CONTAINS SMALL PARTS THAT COULD BE DETACHED AND CREATE A CHOKING HAZARD.

AC Mains Charger

Connect the AC power adaptor only to designated power sources as marked on the product. Make sure the cord is positioned so that it will not be subjected to damage or stress. To reduce the risk of electric shock, unplug the unit from any power source before attempting to clean it. The AC mains adaptor must not be used outdoors or in damp areas. Never alter the power cord or plug. If the plug will not fit into the outlet, have a proper outlet installed by a qualified technician.

Only use Snooper approved chargers intended for use with S7000. Other charges may not be designed to the same safety or performance standards.

Battery

We recommend that you fully charge the battery before you use S7000 for the first time. A new battery or one that has not been used for a long time could have a reduced capacity the first few times it is used.

Use only Snooper approved original batteries intended for use with S7000. We recommend that only Snooper authorised personnel replace the battery in your unit. Using other batteries and chargers could be dangerous.

Battery charge time can vary depending on different conditions such as operating temperature, application usage patterns, features selected and voice transmissions when using the Bluetooth functionality.

Disposing of the Battery

Please check with your local waste management service authority regarding regulations for the safe disposal of the battery. The battery should never be placed in municipal waste. Use a battery disposal facility if available.

Disposal of Old Electrical or Electronic Equipment



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

S7000

ACCESSORIES & PRICE LIST

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

Replacement European Mapping SD Card	£149.99
Remote GPS extension antenna (5m)	£34.99
Coiled In-car charger (24v/12v DC to 5v DC) adaptor	£19.99
Straight hard wire lead with fuse (24v/12v 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
S7000 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
Snooper S7000 protective carry case	£14.99

***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 S7000 to a Pro Fit bracket.**

SERVICE UNDER WARRANTY

S7000 comes with a standard two-year manufacturer's warranty.

If, for some reason your unit requires service under warranty return S7000 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.