

IMPORTANT

Satellite signals are required for this product to function in Navigation Mode.

There may be occasions within your home or building when the signal strength is limited and Navigation Mode may not be possible.

This is quite normal for products of this type.

If you experience difficulty in receiving a signal in your car you may need to use the external antenna (optional).

You can check the number of satellite signals that the unit is receiving and the strength of those signals by viewing the GPS Receiver page, see "GPS Receiver" on page 8.

The USB connector on the unit and the USB cable are for future use as the maps are pre-loaded. Your SNS is supplied with detailed maps.

Safety

The Global Positioning System

The Global Positioning System (GPS) is a satellite based system that provides location and timing information around the globe. GPS is operated and controlled under the sole responsibility of the Government of the United States of America, who are responsible for its availability and accuracy. Any changes in GPS availability and accuracy, or in environmental conditions, may impact the operation of your NR353 Satellite Navigation System (SNS).

Using Your SNS in the Car

When using your SNS while driving it is essential that you drive with due care and attention. Never modify the settings or program your SNS while driving. Only look at the SNS map when it is safe to do so. Only follow the SNS instructions when the road regulations allow you to do so.

When mounting the SNS in your car make sure that it does not

obscure your view or impede the operation of any driving controls.

Prohibited Areas

Do not operate your SNS in hospitals or near any electrical medical equipment.

Do not operate your SNS in aircraft.

Battery

Your SNS uses a Li-ion battery. Do not use it in humid, wet or corrosive environments. Do not operate or store your SNS in high temperatures (>60°C) or in direct sun light. Do not store in a microwave or pressurised container. Do not pierce or break the battery casing.

Failure to follow these cautions will invalidate the warranty and may cause the battery to leak acid, become hot, explode or ignite and cause injury or damage.

If you come into contact with leaked battery acid wash thoroughly and seek medical attention.

The Li-ion battery contained in this unit must be recycled or disposed of properly. Do not dispose of in household waste or burn.



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Getting Started

Please make sure that you read all of the information contained within this user guide before contacting the customer helpline. If you experience any problems, please check the Troubleshooting guide at the back of this user guide before contacting the customer helpline.

In the Box

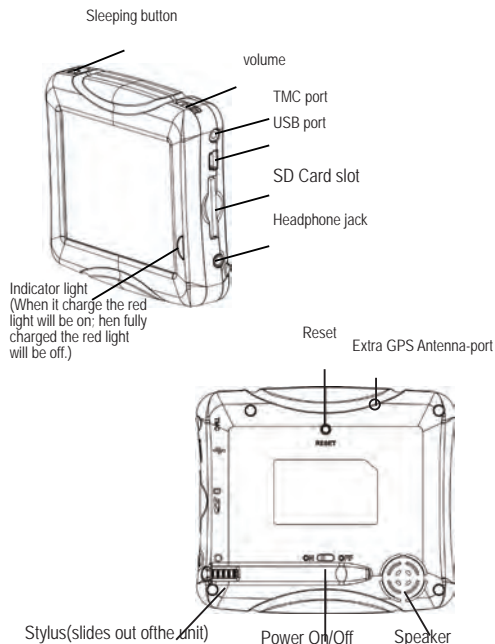
In the box you will find

- Satellite Navigation System
- SD memory card containing the map data
- USB DC power lead with 5V car adapter
- Car Mount(the socket-outlet shall be installed near the equipment and shall be easily accessible)
- Carry case
- * USB cable to connect to your PC(The equipment is to be supplied from an identified USB port complying with the requirements of Limited Power Source)
- User Guide
- TMC convertev cable(additive function)

* The USB cable is provided for future applications. It is not for your system to operate at present.


According to USB agreement, max.value of current is 500mA.If you oprate mainunit vader the condition of bettery recharge,it will reduce the life of the mainunit.

Posizione dei comandi



Charging the Battery

Before using your SNS the battery will need to be charged. To maximize the life of the battery the first charge must fully charge the battery. We recommend that you charge the unit for 5 hours in order to achieve the full charge. Subsequent charge times may be shorter.

Plug the mains adapter into the socket on the rear of the unit marked  5V.

Plug the adapter into the mains supply and switch it on.

The red charging indicator on the front of the unit will light. When the unit is fully charged the red indicator is extinguished.

We recommend that when you use the SNS in your car, that you always use the 12V cigarette adapter in order to maintain the battery level.

Installing the SD Memory Card

The SD memory card contains the map data required by the SNS. It is supplied already fitted into the slot on the left side of the SNS.

Once the card is installed it does not need to be removed.

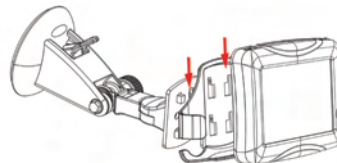
If you need to remove the card, switch the unit off first, push the card in and it will eject from the slot.

When re-installing it can only be fitted one way - contacts towards you and the cut-off corner at the top as shown. Slide the card in and push fully home so that it clicks in place.



the car's airbags.

Screw the car mount into the back of the unit as shown below.



Mounting the Unit in your Car

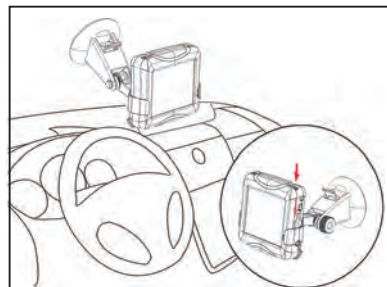
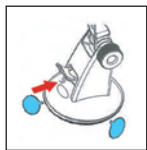
WARNING!

The SNS must be mounted in a location that does not obscure the drivers vision, impede use of the car's controls or impede the operation of

The car mount has a suction pad that fits to the windscreen or a flat area of the dashboard.


Pull the lever away from the suction pad.

Place the pad on the windscreen and push the lever towards the pad until it clicks into place.



Car Adapter

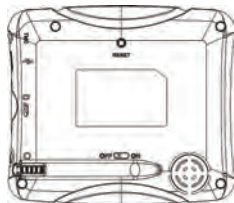
When using your SNS in the car we recommend that you always use the car adapter to power the unit, especially on long journeys.

Plug the car adapter into the socket marked  5V on the rear of the unit. Plug the other end on the adapter into the car's 12V accessory socket. The illustration on the next page shows a typical installation. If possible fix the power cable so that it does not obscure instruments or controls and does not cause a tripping hazard.

Function	Hardware Specification	Function	Hardware Specification	
CPU	Atlas II 300 MHz	I/O	Input Method	Software keyboard
Operating System	Microsoft WinCE.NET 5.0 Core Version		Expansion Slot	SD card
Antenna	Built-in GPS high sensitivity receiver(16 channels) Dual antenna design,with extra active antenna port. 32bit risc CPU SIGE CHIPSETS		Speaker Built-in	1.0 W loud speaker
			Headphone	3.5mm Mini jack
			USB	USB Client for ActiveSync
Memory	64MB SDRAM Built-in/32MB FLASH EPROM		Battery	Re-chargeable Lithium-ion battery 1250 mAh
Display	3.5" colour TFT touch screen	Dimension	100mm X 88mm X 22mm	
Weight	0.153kg			

Switching On

Push the on/off button to left. The GATOR logo is displayed.



The following page will be displayed.



For information on the use of the external antenna refer to "External Antenna" on page 8.

After a couple of seconds this page will be replaced with the open page as shown above right.



Settings

NOTE: You do not need to enter the SETTINGS menu before you start to navigate.

If you touch the SETTINGS icon the following page is displayed.



To exit this page, touch the cross in the bottom left of the screen.

Calibration

This function calibrates the unit to respond to your screen taps. **You will only need to use this function if the unit begins to respond inconsistently to your screen taps.** See "Screen Calibration" on page 22.

About

The About page is for information only. It will give the serial number, version numbers and the helpline number for the product. Please read the Troubleshooting guide for solutions to common issues before contacting the helpline.

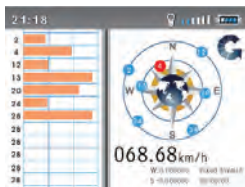
To exit the About page, touch the cross in the top right of the screen.

GPS Receiver

NOTE: This page is for information only.

You can view the number of satellite signals the unit is receiving and also the strength of these signals.

When the Open page is displayed touch on the GPS RECEIVER icon. A page similar to that shown below will be displayed.



This page gives your current position in degrees longitude and latitude, your current speed and the status of your position, i.e. Fixed 3D or Fixed Invalid etc.

The compass circle shows the satellites that the unit is receiving and the bar chart below shows the strength of the signal from each of these satellites.

To exit this page, touch the cross in the top right of the screen.

NOTE:

At least three GPS signals are required for the SNS to function.

There may be occasions within your home or building when the signal strength is limited and GPS Receiver Mode may not be possible.

This is quite normal of products of this type.

Your car may have an athermic heat reflecting windscreen or windscreen heating that prevents the GPS receiver acquiring a valid signal. In these cases you may have to use the external antenna. See below.

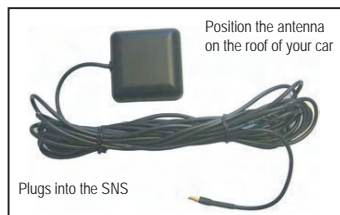
External Antenna

If the GPS receiver fails to acquire a valid signal when mounted in your car it may be due to a heat reflecting coating or heating elements in your windscreen.

In these cases use the external antenna supplied.

The antenna has a magnet and can be positioned in various locations in or on your car to obtain the best signal reception.

Push the antenna into the socket on the rear of the unit until it clicks into place. Then you should receive a valid signal straight away.



*External Antenna Optional