

# **PANTERA**

 **User manual**



 **SNOOPER**



## **USER MANUAL UK • Introduction**

Utilising the very latest Global Positioning Satellite (GPS) technology, Snooper have created the Pantera, which has been designed to help you drive safely within the confines of today's speed limits, by alerting you quickly, and easily to the presence of police speed traps, often located at accident black spots, electronically indicating potentially dangerous and hazardous situations.

The geographical coordinates of all 'fixed' speed monitoring systems and many officially designated accident 'hotspots' have been stored on a database that is constantly monitored and updated by our data collection team, ensuring that you are alerted to every potentially hazardous stretch of road or danger spot. The Pantera connects quickly and easily to your PC so that you can download the database in a matter of minutes (internet connection required). Please note that a certain level of system hardware and software are required on your PC; see the section Software CD later in this manual. Once the database has been downloaded your Pantera 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 via a speaker and LED text display.

### **Drive Safely with Snooper!**

**Pantera 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.**



## Contents

	Page		Page
Introduction	2	Features and Settings	16
Components	4	1. Schools	
Features	5	2. High Risk Zones	
Quick Start Guide	6	3. Set Time	
Registering your Pantera	7	4. Voice	
Software CD	8	5. Audio	
Downloading	9	6. Speed Limit	17
Installing Pantera	10	6. Speed Unit	
Power connection	12	Motorcycle Installation	
Operating Instructions	13	Troubleshooting	18
1. Using the Pantera for the first time		Specification	21
2. Standby Screen		Snooper Accessories & Price List	22
3. Adjusting the Volume	14	Service under Warranty	23
4. MUTE/MENU Button			
5. Cancel Button			
6. Alert Pattern			
7. Saving New Coordinates	15		
8. Deleting Stored Coordinates			



## Components Included

1 x Snooper Pantera

1 x Windscreen suction cup bracket

1 x Power lead with cigarette lighter socket adaptor

1 x CD ROM inc User Manual & Speed trap updater software



### PLEASE NOTE

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

# PANTERA

## Features



1 Power socket

2 Power switch

3 Mute/Menu button

4 LED text display

5 Up/Down Button

6 New Location/Select

7 Bracket mounting slot

8 Earphone socket (Earphone not included)

9 USB computer interface socket

# PANTERA

## QUICK START GUIDE

1. Register your Pantera at [www.snooperneo.co.uk](http://www.snooperneo.co.uk)

**Monthly £2.99 inc vat**  
**Quarterly £7.99 inc vat**  
**Annually £29.99 inc vat**

2. Download the AURA™ speed camera database. Take the CD ROM included with this unit and insert it into your PC. Follow the on-screen instructions to download the speed camera database.
3. Install the unit in your vehicle using the windscreen bracket.



**Note: Pantera may not work in vehicles with a heat reflective windscreen. If your vehicle has this type of screen, look for a clear area to mount the unit such as by the rear view mirror.**

4. Connect the unit to the cigarette lighter socket using the power cable supplied.



5. Power the unit on by moving the switch on the left hand side of the unit to the ON position.
6. The display will read 'Start' and will then begin to search for satellite connection. Once the unit has established GPS connection the display will show your current speed.

**Note: Pantera can only connect successfully to GPS if it has a clear view of the sky.**

### 7. Standard settings.

Once installed correctly your Pantera will alert you to fixed speed traps monitoring traffic on your side of the carriageway, Smart Mute is switched On so that audio alerts are only heard if you are travelling above the speed limit. Visual alerts are displayed at all times.

**Please note that speed trap alerts are automatically muted if you are travelling below 15mph.**

# Registering Pantera

## IMPORTANT! PLEASE READ BEFORE USING PANTERA

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

### Register Online

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

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

**Monthly - Only £2.99 inc vat**

**Quarterly - Only £7.99 inc vat**

**Annually - Only £29.99 inc vat**

Minimum subscription period 12 months.

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

# Software CD

Before you can begin downloading the database onto your Pantera you will need to install the Pantera Updater software.

There is a certain minimum amount of hardware and software requirements needed in order for the software to be installed and used successfully.

## 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 (32bit), Windows Vista and Windows 7.

Internet Explorer 6 or above or Netscape Navigator 6 or above must be installed on the computer

**NOTE: The Pantera Updater software does not support Windows 95/98/98SE, Millennium and Apple Macintosh operating systems. Windows XP (64bit) is not supported.**


## Software Installation Instructions

Place the CD ROM into your DVD or CD-ROM drive. Your PC should automatically open a window displaying the instructions for installing the software.

**Please follow the instructions carefully. Install the hardware drivers FIRST by connecting the unit to the PC and then install the camera updater software.**

If the CD does not 'auto run' then you will need to launch the CD manually: Click on **Start** and then **Run**. In the dialogue box that opens click on **Browse** – another dialogue box will open. Locate your CD ROM drive (drive letter is normally D) using the '**Look in**' option and select '**Pantera**' from the lower portion of the dialogue box. Once you have selected '**Pantera**' click on **Open** on the explorer box and then **OK** on the **Run** dialogue box.

Connect the Pantera to the USB lead. The 'Found New Hardware' wizard will run. Select to 'Install the software automatically (Recommended)' option and click 'Next' to complete the installation of the USB drivers.

Once the software and USB drivers are installed you are ready to download the database to your Pantera. Double-click the  icon which now appears on your desktop to launch the program and follow the onscreen instructions.

# Downloading

Performing a download is straightforward.

1. Switch on your PC.
2. Connect the computer to the Internet.
3. Double left click the 'Pantera Updater' icon to open the software.
4. The first time you use the software after installation a language flag dialogue box will be displayed.
5. Select your language from the options displayed.
6. Select which data you would like to receive and click OK. (Note: One of the options is greyed out by default)
7. If, after your initial download you wish to change the selected database then open the software, left click 'Menu' and then 'Download Settings' and select the database files you require. Once selected click 'OK'.
8. Using the supplied cable connect one end of the USB lead directly to a spare USB port on your computer and connect the mini USB to the Pantera's USB socket.
9. The unit will display 'Connect'.
10. The software will initiate the download automatically. The download process is as follows:
  - The software will display the serial number of your Pantera and a green progress bar will start to progress across the screen.
  - The software will then connect to the database server and then download\*\* the database.
  - The Pantera will then save the data received.
  - Once the download is complete the Pantera software will instruct you to disconnect the unit from the PC.

\*\* If you have a Firewall on your computer the software may appear to hang and/or your Firewall software will inform you that the Pantera Updater 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 to access the internet through the Firewall, the download process will fail.

If you receive an error message, during the download process, please refer to the troubleshooting section of this manual or additional help is available online at [www.snooperneo.co.uk](http://www.snooperneo.co.uk)

As there are constant additions to our AURA™ database it is advisable to perform regular downloads. The frequency with which you do this is entirely up to you, but we recommend that higher mileage drivers often driving on unfamiliar roads download once or twice a week whereas lower mileage drivers perform a download once or twice per month. **Please note that you will need to register your Pantera first before you can perform a download.**

# Installing Pantera

When installing your Pantera please consider the following:

- 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 LED text display without having to take your eyes too far from the road ahead and that you can reach the controls safely.
- When the power cable is attached it must not impede the safe operation of the vehicle or its controls.
- The positioning of the device must not impair the driver's vision.
- Does not jeopardise the drivers or passengers safety
- You will be able to remove the device when the vehicle is left unattended and to perform downloads.

Once you have found a suitable location for your Pantera secure it in place using the suction cup windscreen bracket, remembering to clean the area where the bracket is going to be positioned thoroughly before hand to ensure good contact. More detailed installation instructions follow.

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



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

## Installing your Pantera using the Windscreen Suction Cup bracket

You can mount your Pantera to the inside of your vehicles windscreen using the suction cup windscreen bracket provided. Simply select a position within the windscreen so that the top of the unit has a clear view of the sky, remembering that you need to connect the power connection cable as well as ensuring that you can read the LED text display and reach the controls safely.

Follow these instructions to mount the unit in this way.

- Install the suction cups onto the bracket by fitting them into the holes (if required).
- Clean the area where you wish to position the bracket thoroughly with a good quality glass cleaner
- Adjust the bracket to the rake of the windscreen by carefully bending it so that when the Pantera is mounted onto the windscreen it is parallel to the road ahead. The display must be facing the driver and the controls should be within reach of the driver.



# Power Connection

## Using the cigarette lighter socket

- Connect the smaller right angled plug to the socket marked '12VDC' on the Pantera.
- Push the cigarette lighter plug firmly into the vehicles cigarette lighter socket.

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

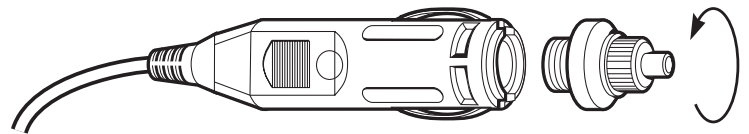
If the device does not power up please check that the cigarette lighter socket is clean of any debris, remembering not to insert metal objects into the socket. Check that the cigarette lighter adaptor is inserted all the way into the socket and to check that the fuse in the cigarette lighter adaptor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



## Replacing the Fuse

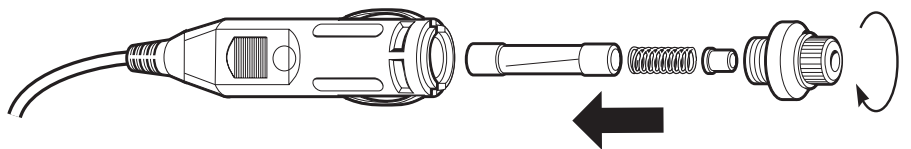
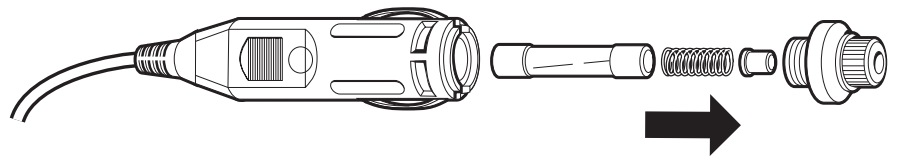
If the unit stops operating first check the fuse in the cigarette lighter plug. If the fuse has blown, follow these steps and replace it with a 2 amp, 6 x 30mm fast blow fuse. Caution: Using a fuse that does not meet these ratings or removing fuse protection can damage your unit, the power cable, or 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, spring and old fuse.
3. Check the fuse to see if it has blown. If it has, replace it.
4. Replace the metal tip and spring 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.



# Operating Instructions

## 1. Using the Pantera for the first time

After you have registered and downloaded Pantera it can be installed in your vehicle. 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 as clear a view of the sky above. Next turn the unit on by moving the 'ON/OFF' switch on the left hand side of the unit to the ON position. After going through an initial start-up sequence the LED text display will show a circle moving around the screen as the unit begins to search for satellite connection. The Pantera needs to acquire a minimum of four satellites in order to work. Once this has been achieved the Pantera will proceed to the Standby screen of your choice (See Standby Screen below). As soon as the standby screen is displayed on your Pantera it is ready to use and will now automatically alert you of any locations stored in its database. A variety of audible and visual alert patterns are explained later on in this section. See 'Features and Settings' to personalise your unit.

**As the GPS engine and antenna have never been used before, the first 'Cold' start could take anywhere from 15 – 30 minutes to establish a satellite connection. Once initialised, subsequent start ups will take less time and eventually should take only a matter of minutes.**

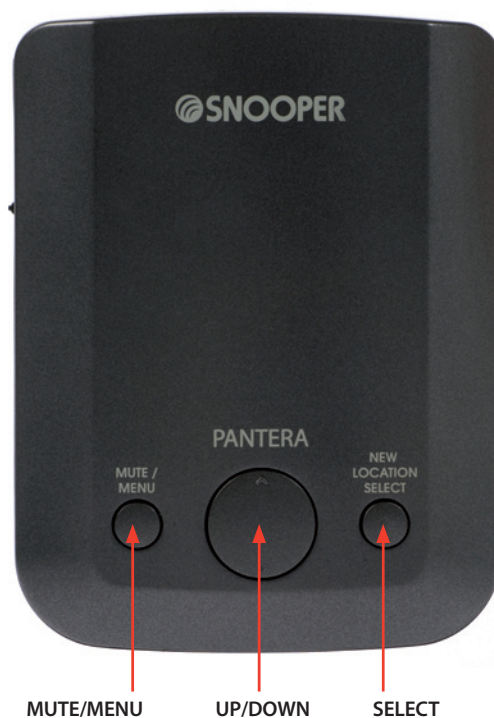
**Please Note: If the unit is not used for some time the initial GPS start up may take longer than when the unit is used regularly.**

## 2. Standby Screen

There are two selectable standby screens to choose from:

- a) Atomic Clock
- b) Vehicle Speed (Factory Default)

To select your preference press and hold the MUTE/MENU button (for approximately two seconds) until the unit displays 'SPEE'; then using the UP/DOWN button in the centre of the unit scroll through the menu options until the screen reads 'Scr' and press the SELECT button. Then use the UP/DOWN button to scroll up or down through the options. When you reach your desired setting, press the SELECT button again.



If you would like to exit the menu screen at any time press the MUTE/MENU button. If no buttons are pressed for a period of five seconds the unit will automatically exit the Menu and return to your chosen standby display.

### 3. Adjusting the Volume

The Pantera has an adjustable volume for controlling the loudness of the audible alert. To increase the volume simply use the UP/DOWN button in the centre of the unit. Press the front of the button to lower the volume or press the back of the button to increase it.

### 4. MUTE/MENU Button

This button has two functions. The Mute function is used to temporarily MUTE an alert. When the button is pressed and held for two seconds it allows you access to the menu for further configuration of your unit.

### 5. Cancel Button

If during an alert you decide that you would like to cancel it simply press and hold the MUTE/MENU button. The display will automatically return to the Standby screen and the device will be ready to alert you to the next GPS coordinate.

### 6. Alert Pattern

#### Fixed Speed Safety Cameras

As you approach a fixed speed safety camera the unit will begin to emit a voice alert or your chosen audible alert at a preset alert distance. As you move closer to the fixed speed safety camera the 'beeping' will quicken. At the same time the display will indicate the speed limit at that location and will then begin to count down the distance to that location.

#### Automute

When your device alerts you to a location, rather than continually beeping through the alert, it simply beeps at your selected volume for five seconds and then automatically mutes the sound to volume level 3 until you are out of range of the source. This allows you to receive a brief audible alert instead of a continuous one. Note: This feature is programmed into the unit and cannot be switched OFF.

If you would like to change the alert to a visual alert only press the MUTE/MENU button to temporarily turn off the sound.

#### SPECs Safety Camera Systems

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

When approaching the first camera in the SPECs system your Pantera will begin to alert you at a preset alert distance with the display indicating 'SPEC' and emitting either a voice or your chosen audible alert. The display will then indicate the remaining distance to the location of the camera.

Once you have passed the first camera the unit will then emit an audible alert and will display 'SPECs' to remind you that you are still within the SPECs system.

Whilst travelling within a SPECs series, your Pantera will provide both an audible and visual alert at a preset alert distance before each camera. If after twenty seconds you do not pass another camera, the alert will automatically 'Time Out' and the alert will finish. If the unit 'Times Out' and you then approach the next camera in the SPECs series however, the unit will alert you to that location at a preset alert distance.

**Please Note: If you join a road in the middle of a SPECs series you will automatically get a visual and audible alert, at a preset alert distance before the first camera that you pass.**

If you would like to change the alert to a visual alert only press the MUTE/CANCEL button to temporarily turn off the sound. If at any time you would like to stop the alert, simply press and hold the MUTE/CANCEL button.

## 7. Saving New Coordinates

If in the unlikely event that you pass the location of a fixed speed safety camera and your Pantera does not provide you with an alert, you have the opportunity to store the coordinates of the location manually. Simply park safely as close as possible to the site and press and hold the 'New Location' button for approximately two seconds. The screen will display the number of that location in your unit's memory.

You may also wish to use this feature to store your own 'high risk zones' or 'accident black spots'.

When you next pass that location again your Pantera will now alert you to that location. As the unit does not know what type of system you are passing the unit will display 'Attn' and give either a voice alert stating the location as a 'Risk zone' or your chosen audible alert. Your unit can hold up to a maximum of 100 coordinates in its memory.

### Troubleshooting – Saving New Coordinates

When you attempt to save a new coordinate but the display reads 'Weak' it means that your Pantera is not receiving sufficient signal strength to plot the position. Please ensure that the Pantera's built-in GPS antenna has a clear view of the sky, the unit is displaying the standby screen and try again.

When you attempt to save the new coordinate and the display continually displays '99' it means that the memory in your Pantera is completely full. If you want to store any different coordinates you will have to delete all of the existing coordinates stored in the unit's memory.

## 8. Deleting Stored Coordinates

If you would like to delete the coordinates you have stored in your units memory simply enter the units menu by pressing the MUTE/MENU button for approximately two seconds. When 'SPEE' appears on the display use the UP/DOWN button to scroll through the menu options until you see 'USEr' and press the SELECT button. The unit will display 'Clr?' If you wish to delete the coordinates you have saved press the SELECT button. Please note that all saved coordinates will be deleted.

# Features and Settings

Your Pantera has many different features and settings that you can adjust very easily.

To access the menu of the user options press and hold the MUTE/MENU button. Use the UP/DOWN button to scroll through the options and then select your desired menu item by pressing the SELECT button.

**Please Note: If you would like to exit the Menu at any time press the MUTE/MENU button. If you do not press any buttons for a period of five seconds the unit will automatically exit the menu and return to the Standby display.**

**The following menu options are available on your unit. Press SELECT once your desired option is displayed.**

## 1. Schools (SCHO)

The Pantera allows you the option of choosing whether or not you would like to receive advanced warnings of Primary Schools (Schools are time sensitive on the Pantera – 08:00-09:30am, 12:00-13:00 and 15:00 to 16:30) Alerts to Schools can be turned ON or OFF. Enter the menu and scroll through it until the screen displays 'SCHO' and press SELECT. Use the UP/DOWN button to choose between ON or OFF and then press the SELECT button to confirm the setting.

## 2. High Risk Zones (HIGH)

Pantera will alert you to 'High Risk' areas. These are positions we have recorded in the speed trap database which may be used by the Police to position mobile speed traps such as laser and camera vans. You can choose whether to be alerted to these positions or not.

To change the setting enter the menu and scroll through the options until the screen displays 'HIGH' and press SELECT. Use the UP/DOWN button to choose between ON or OFF and then press the SELECT button to confirm the setting.

## 3. Set Time (CLOC)

Pantera can be configured to display the time on the Standby Screen. This reading is generated in Greenwich Mean Time (GMT) directly from the satellites and is completely accurate. However it does not automatically adjust for British Summer Time (BST) and is required to be adjusted manually. The device is supplied with the factory default setting of 'GMT (displayed as '0 H')'.

To change the time from GMT , enter the menu and press the UP/DOWN button until the display shows 'CLOC' then press the SELECT button. Then use the UP/DOWN buttons to change the time + or - in 1 hour increments.

## 4. Voice (VOIC)

The Pantera has a selectable voice alert, which means that if you have this setting activated your unit will tell you exactly what you are approaching without you having to take your eyes from the road. This setting is switched 'ON' by default.

To alter the settings for voice alerts , enter the menu and scroll through the options until the screen displays 'VOIC' and press SELECT. Then use the UP/DOWN button until your preferred setting ('ON' to switch voice alerts on or 'OFF' to switch voice alerts off) is displayed then press the SELECT button.

## 5. Smart Audio (SAud)

The Smart Audio setting provides an alternative alert when approaching a fixed speed safety camera. If you are travelling below the posted speed limit the unit will provide an audible and visual alert but as the unit counts down the distance to the fixed speed safety camera the rest of the alert will be a visual alert only. If you are travelling above the posted speed limit you will receive both an audible and a visual alert as normal. Once you drop below the posted speed limit for that fixed speed safety camera the audible alert will cease and the unit will only provide a visual alert.

To adjust the Smart Audio setting , enter the menu press the UP/DOWN button until the display shows 'SAud' and press SELECT. Then use the UP/DOWN buttons to select ON or OFF and press SELECT to confirm the setting.

## 6. Speed Limit (SPEE)

This safety feature has been designed to let you programme your Pantera to alert you when you reach any speed you choose. For instance you could set your unit to alert you when your speed reaches 30mph so that you never accidentally stray over the speed limit.

To set the speed limit alert, enter the menu and select 'SPEE', then press the UP/DOWN button until 'ON' is displayed and press the SELECT button. Then using the UP/DOWN button you can increase or decrease the speed that you would like to be alerted to. Once you have chosen your desired setting press the SELECT button.

To turn the Speed Limit feature OFF press the UP/DOWN button until OFF is displayed then press the SELECT button.

## 7. Speed Unit (Unit)

This feature allows you to choose which speed measurement method you prefer either miles per hour (MPH) or kilometres per hour (km/h). The device is supplied with MPH turned on as the factory default setting.

To adjust the speed measurement type, enter the Menu and select 'Unit', then use the UP/DOWN to select 1 for KMH or 2 for MPH. Once you have chosen your desired setting press the SELECT button.

## 8. Change Language (LANG)

This feature will allow you to select the language of the menu options and voice alerts on the unit.

To change the language on your unit, enter the menu and scroll through the options to 'LANG', then press the SELECT button. Then using the UP/DOWN button select the language you require and press SELECT to confirm the setting.

# Motorcycle Installation

The Pantera can be installed onto a motorcycle. An ear piece is available as an optional extra so that audible alerts can be heard.

Instructions for mounting the Pantera are as per the installation guide on pages 10 to 12. Remember however that the Pantera is not waterproof so needs to be mounted within a tank bag or other waterproof holder. Always remember that in order for your Pantera to work effectively the unit needs to be positioned so that the built in GPS antenna has an unobstructed view of the sky. If you require any further advice please visit our website [www.snooperneo.co.uk](http://www.snooperneo.co.uk)

# Troubleshooting Pantera

## Downloads

If you are having difficulty performing a download on to your Pantera you should consult the following checklist first before contacting technical support. If you are still unable to perform a download after following this checklist then please contact our Technical Helpline on 01928 579579 and select Option 3. There is also additional help available on the [www.snooperneo.co.uk](http://www.snooperneo.co.uk) website.

**This guide is in two sections; the first section is a list of things to check before performing a download and the second section consists of possible reasons and solutions to error messages encountered while trying to perform a download.**

## SECTION ONE

### 1. Have you registered your Pantera?

You will not be able to download the database unless the Pantera is registered. Please register online at [www.snooperneo.co.uk](http://www.snooperneo.co.uk).

### 2. Is the USB computer cable supplied with the Pantera connected correctly?

Please check that the USB lead is plugged into the USB socket on the Pantera and is fully plugged in as far as possible. Check the computer USB connection is secure.

### 3. Have you installed the USB drivers correctly for the USB cable?

After connecting the Pantera to the USB lead the 'Found New Hardware' wizard will eventually launch and you need to select 'Install the software automatically (Recommended)' and the wizard will complete the USB driver installation.

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

The Pantera Updater software will only work on the following Windows operating systems: Windows 2000, Windows XP, Windows Vista and Windows 7 **THE SOFTWARE WILL NOT WORK ON WINDOWS 95/98, 98SE and Millennium. Apple Macintosh is not supported. Windows XP 64bit systems are not supported.**

**To determine which operating system you have on your computer:**

- a) Right click on the 'My Computer' icon on your desktop and select 'Properties' from the drop down menu.
- b) When the 'System Properties' dialogue box opens the 'General' tab is selected by default. Under the heading 'System' the operating system is displayed.
- c) If you do not have a 'My Computer' icon on your desktop (common in Windows XP) click on 'Start' and two columns will appear. In the right hand column you will see the option of 'My Computer'. Right click on this option as instructed in (a) above.

### 5. Have you installed the Pantera Updater software onto your computer?

If you have not installed the software you will not be able to perform a download onto your Pantera. Once the software is installed there will be a new icon on your desktop: 'Pantera Updater'. Please check to see if you have the latest version of this software by visiting [www.snooperneo.co.uk/software.cfm](http://www.snooperneo.co.uk/software.cfm)

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

The computer needs to be connected to the internet before you can begin to download the database onto your Pantera. Please make sure that your internet connection is established and that you have signed in to your broadband account (if required).

## 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. 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 TWO

This section is for supplying possible reasons and solutions to problems you may be experiencing whilst trying to download the database to your Pantera. If after going through section one you are still experiencing difficulty or have received an error message please read through the following:

### **ERROR MESSAGE – 'Error 521 - There was a problem connecting to the Performance Products server'**

If you get an error message similar to the one above this normally means there is something blocking communication between the software, most typically a firewall, and our server. Windows XP, Vista and Windows 7 are supplied with a firewall as standard.

If you have a Firewall on your computer the software may appear to hang and your Firewall software will inform you that the Updater software is trying to access the internet. **Please make sure that you grant/allow/permit /unblock 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 to access the internet through the Firewall, the download process will fail.

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

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

## Other Problems

### **The unit cannot be switched on**

Check that the cigarette lighter adaptor is well inserted into the cigarette lighter socket and that the cigarette lighter socket is functioning properly. Check that the lighter socket is clean and free from debris. Also check that the fuse of the cigarette lighter adaptor is intact.

If you are using the hardwire connection (optional accessory) check that you have secured a good earth and that you have taken the 12v feed from a 12v supply that is live on ignition. Also check that the in-line fuse is intact.

### **The unit cannot acquire satellite connection**

Check that the Pantera's built in GPS antenna has a clear view of the sky above.

If this is the first time you have powered up your Pantera please remember that the first 'cold' start can take up to 30 minutes to acquire sufficient satellite connection. The unit requires time to calibrate and you will find that with subsequent use that the time for acquiring satellites will reduce. Eventually the unit should take a short time to acquire satellite connection.

Disconnect and reconnect the power to the unit and start the power up procedure again.

Check that the windscreen has not been specially treated to reflect UV rays (Metal Oxide, Athermic, heat reflective) as this may affect the unit's ability to connect to satellites. Please check with the local vehicle dealer or manufacturer to ascertain what type of windscreen is fitted to your vehicle. If you do have this type of windscreen place the Pantera where there is a clear section of Glass usually situated near the rearview mirror or near the centre of the windscreen just above the dashboard. If you do not have a clear section on the windscreen then unfortunately the Pantera will not work in that vehicle.

### **The satellite signal temporarily or permanently drops out**

This may happen temporarily in areas where there are a significant number of tall buildings or trees or whilst driving through a tunnel. The signal should only be lost for a few seconds and then quickly reacquired.

Check that the device has not moved and that the built in GPS antenna still has a good clear view of the sky above.

Very occasionally you may experience bad satellite coverage that may lead you to losing a signal. This should last no longer than a few minutes.

If you have a specially treated windscreen some manufacturers leave a small section of the windscreen untreated. If the unit is not positioned properly in this untreated area then the unit may lose satellite signal frequently. Reposition the unit within this untreated area.

### **The device does not appear to respond to Police speed monitoring systems**

Have you performed a download recently? If not, perform a fresh download to ensure that you have all the latest coordinates stored on your device.

Check that the unit is positioned in such a way that the lens has a clear view of the road ahead and is unobstructed by any metallic objects (such as windscreen wipers).

# Specification

## General

Power requirements	10 – 16V DC, 310mA (Negative Ground)
Operating Temperature	14° to 122°F (-10° to 50°C)
Storage Temperature	4° to 158°F (-20° to 70°C)

## Dimensions

Width	80mm
Depth	105mm
Height	25mm

## GPS

GPS Receiver	50-channel Receiver
Acquisition Times, Hot	< 20 sec typical
Warm	< 60 sec typical
Cold	< 120 sec typical
Time to Initial Fix	-144dBm typical
Tracking Sensitivity	-160dBm typical
Update Rate	1/sec

## CAUTION

**THE PANTERA CONTAINS A SMALL BATTERY ON THE MAIN PCB BOARD. 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.**

# Snooper Accessories & Price List

The following accessories are available from your local Snooper dealer. For further details please visit [www.snooperuk.com](http://www.snooperuk.com)

2m Straight power lead with cigarette lighter adaptor	£12.99
2m Straight hard wire lead with fuse	£12.99
Windscreen mounting bracket	£12.99
USB PC connection lead	£12.99
1 – 3 Lighter socket extension	£7.99



## **Disposal of Old Electrical & Electronic Equipment (applicable in the European Union).**

This symbol on a product or its packaging indicates that this product shall not be treated as household waste. It should be handed over to an applicable collection point for the recycling of electrical equipment.

By ensuring that this product is disposed of correctly you will help/prevent potential negative impact on the environment. The recycling of materials will help to conserve natural resources.

For further details about recycling please contact your local civic office or the shop where it was originally purchased.

# Service under Warranty

Your Pantera comes with a standard one year manufacturer's warranty.

If, for some reason, your unit requires service under warranty return your Pantera, via special delivery (insured) and in suitable packaging to:

**The Returns Department**  
**Performance Products Limited**  
**Cleaver House**  
**Sarus Court**  
**Manor Park**  
**Cheshire WA7 1UL**

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) Your units' serial number.