

USER MANUAL
PORTABLE NAVIGATION SYSTEM
PNI S905 5" TOUCH SCREEN



Declaration

The product is subject to change without prior notice. We apologize for any inconvenience caused.

Our company assumes no liability for data missing caused by users who did not backup the important information.

This manual has been checked with thorough care, but we do not exclude the possibility of a few unintended errors. If you spot an error, please contact our customer service center.

Please read the operations and instructions in this User Manual carefully and use accessories provided by the original manufacturer only, avoiding unexpected damages. Implementing the system without conforming to proper programs or connecting incompatible accessories may result in the invalidity of a warranty and even endanger the safety of you and others. The company assumes no liability for the result.

The development of the traffic construction may lead to the in conformity of the data of the navigable electronic map with actual traffic instructions. Please drive according to current traffic regulations, including current road conditions and current marks. Viewing or operating a navigator while driving may cause serious traffic accidents. The company assumes no liability for the accidents or any corresponding losses.

In case there is any divergence between the pictures in this manual and the real products, the real products will prevail.

Precautions

- Do not shake or knock the device. Rough handling may lead to damage or missing of the data and failures to play files.
- Keep the device away from direct sunlight or high temperature, to prevent overheating of the batteries and device body which may cause failures or dangers.
- Keep the device away from moisture and raindrops. If water gets inside, the wet condition may cause the device to break down or even render it beyond repair.
- Do not disconnect the device by self.
- Keep the device away from sand dusts or environment of dusts.
- Operating the device near strong radio wave or radioactive rays may affect the performance of the device.
- Insert the plug fully into the electrical outlet to prevent static electricity.
- Ensure that all cables are connected to the device safely and orderly, to prevent falling and damages of the device caused by the messy arrangement.
- Do not press the LCD screen hard; keep the LCD screen away from sunlight, or failures to the device may occur. Clean up dusts on the screen surface with soft cloth.
- If the device fails, please send it to an authorized mountaineer for repair.
- Backup the data on the SD/MMC card to a computer regularly, to prevent the risk of data missing.
- Pay attention to the compatibility of media files. Only files conforming to the design rules of the device can be played.
- Films, music, and images may be copyrighted. Playing those files without permission would violate the copyright law

- Do not use metal objects to short-circuit a charger or device input. This may result in device failures.
- Keep the device away from heat source.
- Operate the device by placing it on a level desk. Operating by placing it on a blanket, pillow, or carpet will render working temperature too high for the device, and may damage it.
- When the system executes the read-write operation for the memory card, do not take it out, or data in the card may be destroyed or missing. This may even cause the system to break down.
- Do not power off when you are navigating, playing films and music, and viewing pictures.
- Do not store the batteries or charge the batteries in cold or hot areas, or the performance of the batteries may be damaged.
- Keep the battery or charger out of the reach of children.
- Mistakes in changing batteries may cause an explosion. Dispose the old batteries according to instructions.
- Use the battery specified by the original manufacturer on changing batteries.
- Keep the device out of reach of children when it is being charged.
- Violent collision or drop may damage the device or spoil its appearance. Please take care.
- Do not use an earplug with over high volume, or it will hurt your hearing and even cause permanent hearing impairment.
- Please do not set the volume of an external loudspeaker too high for a long time. Longstanding use may cause an output distortion of the loudspeaker.
- While watching videos, repetitive actions may result in discomfort in hands, arms, shoulders or other parts of your body.

Welcome

Welcome to use the navigator. Centered on GPS navigation function, the navigator supports such optional functions as video playing, audio playing, image viewing, and EBook reading, etc.

The application of processor features high performance.

The user-friendly interface features simple and easy operation.

Power management guarantees reliable and durable service of the product.

Data transmission: Communicate with a computer via USB interface.

Excellent reception: Accurate positioning provides satisfied navigation service.

Entertainment provider: Mp3 entertainment functions can relieve your tiredness.

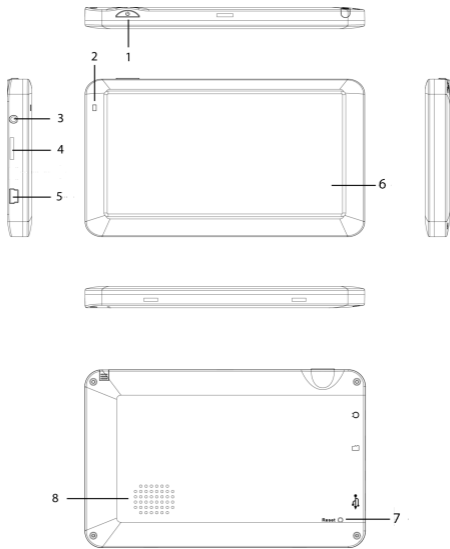
You can use it almost anywhere and anytime, like when driving, walking, bicycling or waiting for a meeting. The perfect "GPS + entertainment" functions provide you with a colorful work and life.

Packing List:

Make sure all the items are included in the package of the navigator:

- Portable navigation
- Touch pen
- Vehicle power adaptor
- Mini USB cable
- Bracket
- User manual


Product Appearance



- 1 - Power switch
- 2 - Indicator light
- 3 - Earphone jack
- 4 - microSD slot
- 5 - miniUSB port
- 6 - Touch screen
- 7 - Reset button
- 8 - Speaker

Power Supply and Charging of a Navigator

Power supply

The navigator can be powered in two ways, i.e. batteries and MINI USB supply. When not connected to the charger adapter, the GPS navigator is powered by the lithium batteries. The power icon [] on the top right corner of the system interface or the power bar in the power-setting interface indicates the remaining battery power. When connected to the MINI USB charger adapter (or via MINI USB to connect computer), the GPS navigator is powered by the external power.

NOTE: This navigator uses built-in, not the removable lithium polymer battery power supply. Generally (for example, backlight brightness setting is low), completely fills the electricity, the battery can supply power continually about for 3 hours. It regards you to use the GPS to decide, battery's actual supply time will be different. Some functions (audio, video, high luminance back light) must consume the massive electrical energies, will obviously reduce power supply time.

CAUTION: This unit uses built-in, not the removable lithium battery. In order to avoid being on fire or the burn danger, please do not disassemble, pierce, collide or discard the battery in the fire or water. The battery can burst, blast, or release danger chemical substance.

Charging with a power adapter

Switching on/off

Please press power key on the top of the navigator to switch off when you finish application. The system enters state of dormancy. When you switch on again, the device will maintain the operation status last time you switch off.

NOTE: If you want to save battery energy, you may switch downward the switch to cut off the main power supply.

When the system have no response, press power switch key to shut the system and restart the system.

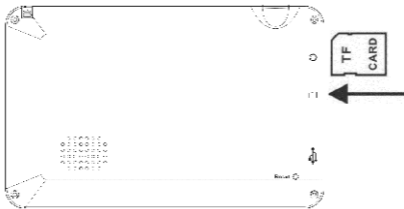
Using the vehicle bracket to fix a navigator

A vehicle bracket is composed of a bracket and a support. Please fix the device using the vehicle bracket onto the front windshield or dashboard while using the GPS navigator in vehicle.

CAUTION: the vehicle bracket carefully. Ensure the GPS navigator would not block your driving vision. Ensure the navigator is fixed instead of being placed randomly. Do not fix it where the air bag is placed. Do not place it within the bag's inflation range.

Using TF Memory card

Required map software, map data and media files are stored in the provided TF card. Insert the card properly into the slot.



CAUTION: Do not take out the card at random when the system is running a navigation program or playing a media file.

1. Do not press hard or bent the TF card. Prevent TF card from falling and bumping.
2. Do not store the card in hot or high-humidity areas. Keep the card away from high temperature and direct sunlight. Keep the card away from liquid and corrosive materials.
3. Pay attention to the slot position for inserting the card. Inserting randomly may cause damages to the slot and the card.

Connecting to a Computer

Access a computer via the mini USB interface on the left side of the navigator and you can copy files from the navigator to the computer and vice versa or backup the data in the navigator to the computer for future use.

1. Ensure the navigator is on
2. Ensure the mini USB end] is connected to the mini USB interface on the left side of the device and the standard USB end is connected to the USB host interface of the computer;
3. On completing connection, the computer will automatically identify the new hardware unit.
4. On completing communication, remove the mini USB cable and the navigator returns to run like before.

CAUTION Data security: Please backup the system data to an external storing device before updating. The company assumes no responsibility for damages or missing of the data.

GPS navigator maintenance

Maintenance will allow GPS navigator to be your trusted partner for navigation and entertainment. Please use the following criteria below to ensure a longer usage time as well.

Screen protection: Do not press too hard on the screen. Clean the screen gently using a soft cloth sprayed with a glass cleaning product in commerce, avoiding spraying directly on the screen.

ATTENTION: please stop GPS navigator before cleaning the touch screen.
Do not drop the device, knocking can damage the screen and other components.

WARNING: Accidental damage is not covered by warranty. Avoid using the following conditions: high temperature variations, high temperature (60 ° C or higher), temperature too low (below 0 ° C), high voltage, dust or humidity conditions. Keep the device away from erosion, corrosive liquids and do not enter into any liquid. Avoid interference with radiation: radiation interference from other electronic devices can affect the performance of the browser screen. Remove the source of interference, the screen returns to normal.

WARNING: If necessary air transport, storage is recommended GPS in checked baggage and passing it through the X-ray detection system for screening. Avoid checking navigator by a detector magnetic head or magnetic bar (handheld verification personnel), these devices can cause loss of data in the system.
Avoid direct exposure to bright light browser. Keep GPS navigator away from strong ultraviolet light to increase lifespan.

Description of the Main Interface and Main Functions

System interface



Main functions

Navigation	Open navigation map
Music	Open audio files and play them
Video	Open video files and play them
Ebook	Open txt files and viewing them
Pictures	Open and view these images
Settings	Open the Device Settings menu

Audio Playing Function

This chapter describes how to use the audio player of the GPS navigator to play your favorite music, making it your mobile MP3 player.

The audio player supports WMA, MP3 and WAV format files. You can set the play order at random. Please copy your audio files to any folder in the memory card before playing.

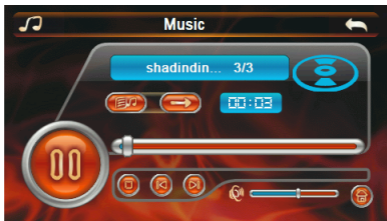
Interfaces and Operations

- Select "Music" from the main menu to access the list of songs:



	Back	Click to return to main menu
	Previous page	Click to select songs previous page
	Next page	Press to select the next page of songs

- Select the desired track to activate audio player::



	Close	Click to return to main menu
	Start	Apasati pentru a porni redarea melodiei
	Pause	Press to start playing the song
	Stop	Press to stop playing the song
	Last	Press to select the previous track
	Next	Press to select the next song
	Volume adjustment	Select the volume level. To the left to decrease and right to increase the volume
	Progress adjustment	Displays the current song playing progress
	Back	Press to display the files in a directory
	Elapsed time	Press to display the elapsed time of a song
	Cycling play	Tap to play all songs cyclic a director
	Random play	Click to play random songs a director

Image Viewing Function




This chapter provides information on how to view images with the image viewer of the GPS navigator.

Features

1. Support images featuring formats like JPG, JPEG, BMP and PNG.
 2. Allow you to rotate, full screen display and automatically display all images.
- Please copy your image files to any folder in the memory card before viewing.









Interfaces and Operations

· Select "Photo" from the main menu to access the list of images

	Back	Click to return to main menu
	Previous page	Press to select the previous page with images
	Next page	Press to select the next page of images

· Select the picture you want to view:



	Close	Click to return to main menu
	Hide	Click to start viewing full screen
	Rotate counterclockwise	Press to rotate the image clockwise 90 °
	Last	Click to view previous image
	Next	Click to view next image
	Zoom in	Click to enlarge
	Zoom out	Click to zoom out
	Back	Press to return to the folder with images

View text files




This chapter provides information about how to use GPS navigator to view text files.

Supported formats: TXT

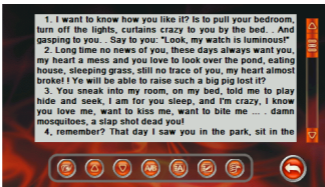
Please copy your txt. file to any folder in the memory card before reading.









Interfaces and Operations

·Select "Ebook" in the main menu to access the list of text files:

	Back	Click to return to main menu
	Last	Press to select the previous page with text files
	Next	Press to select the next page of text files

·Select the desired file to view:



	Back	Click to return to main menu
	Last	Click to view previous page
	Next	Click to view next page
	Font	Press to select the character font
	Color	Press to select the text color
	Save bookmark	Press to save the selection made in advance
	The list of saved selections	Press to access the list of saves made
	Close	Click to return to main menu

Play video files

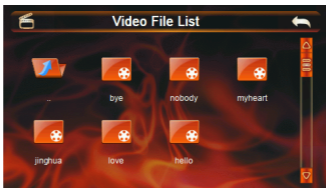
This chapter provides information on how to use the GPS navigator to play video.

- Support wmv, mpeg, mpg, 3gp, asf and avi files;
- Support full-screen play, progress selection and file selection

Please copy your video files to any folder in the memory card before playing.

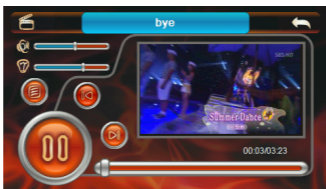
Interfaces and Operations













- Select "Video" to access the list of video files:



	Back	Click to return to main menu
	Last	Press to select the video file previous page
	Next	Press to select the next page with video files

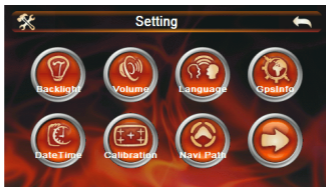
- Select the desired file to view:

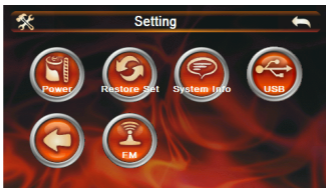


	Close	Click to return to main menu
	Start	Click to start video playback
	Pause	Press to pause the clip
	Stop	Press to stop playback of a clip
	Last	Press to select the previous clip
	Next	Press to select the next clip
	Volume adjusting	Select the volume level. To the left to decrease and right to increase the volume
	Progress adjustment	Display current clip playback progress
	Back	Press to display the files in a directory
	Elapsed time	Press to display the elapsed time of a clip
	Cycling play	Click to play cyclically all videos in a folder
	Random play	Click to play random clips in a folder

System Setting

Select "Settings" from the main menu to access the System Settings menu.









Backlight

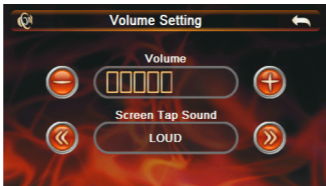
- Set Backlight



	Back	Click to return to main menu
	Brightness down	Press to decrease the backlight
	Brightness up	Click to enlarge the backlight
	Adjust	Press one of the buttons to select how long you want to be lit screen

Volume Setting

- Set the volume level voice / audio and touch screen



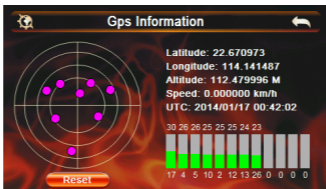
Language

- Select menu language



GPS Info

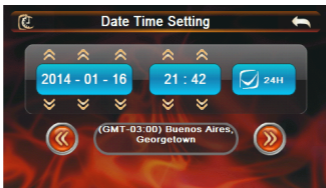
- View GPS information: how many satellites were found, their signal strength, latitude, longitude, altitude, speed, time / date



To start a new satellite search, press reset.

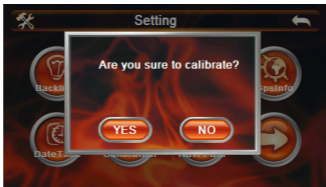
Date/Time

- Set system time and date

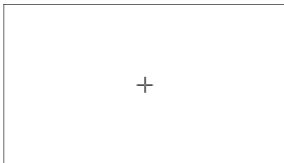


Calibration

- Touch screen calibration



Select "Yes" to access the screen calibration page. To calibrate press the cross, it appeared. If you select "No" will return to the previous menu without calibrate the screen.



Navipath

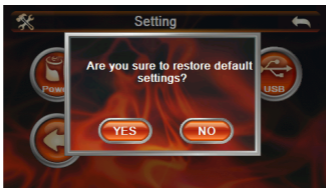
- Set path to the navigation software

Power

- View battery level

Restore Set

- Return to factory settings - all settings are reset, including screen calibration



Select "Yes" if you want to reset all settings to factory defaults. Select "No" to return to the previous menu without changing anything.

System info

- View system information



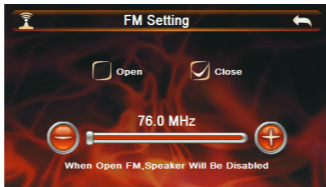
USB

USB settings



FM

- Enable / disable FM transmission function



FM transmission function is used to access the FM reception equipment and to play audio information issued by the navigation system. In this mode, the GPS speaker is disabled.

NOTE: Emission frequency of the navigator must be the same frequency received by the receiving equipment; Do not use another frequency, radio, to avoid disruption reception.

Specifications

Dimensions	132 x 84 x 12mm
Weight	180 g
Processor	MSTAR MSB2531 800MHz
Operating system	WinCE 6.0
USB	miniUSBx1
SD Card Slot	microSD
Battery	Li-Ion, 1300mAh/3.7V
Speaker	2W@4ohm
Audio OUT	20 mW/32ohm
Supported audio files	WMA/MP3/WAV
Supported video files	WMV/MPEG/MPG/3GP/ASF/AVI
supported images files	JPG/JPEG/BMP/PNG
Supported Ebook Files	TXT
Working temperature	-10 °C ~ 55 °C
Storage and transport temperature	-20 °C ~ 70 °C
Humidity average use	35% ~ 70%(40°C)
The average humidity storage and	30% ~ 85% (40°C)
Operating pressure	86KPa ~ 106KPa
Language	Spanish, Portuguese, English etc.

Troubleshooting

If GPS navigator does not work, please check the following solutions below. If the problem persists, please contact an authorized service center.

Issues	Causes	Solutions
The device does not start	Low battery	Load the system with external power and charge the battery at the same time
The device turns off during use	Low battery	Power up the system from a cigarette lighter or PC to use and charge the battery at the same time
The device does not display anything on the screen or the image is blurry	Backlighting is off or very small	Adjust the backlight
The buttons on the screen do not work properly	The touch screen is not calibrated	Calibrate the touch screen again
There is no sound during music playback and video	The volume is too low	Increase the volume
	The headphones are not connected correctly	Connect the headphones properly
The device can not access a computer	USB cable is not connected properly	Connect the USB cable properly
The device does not receive GPS signals		This depends on the strength of GPS signals depending on the area where you are. Wait 3 minutes to receive signals or change the position where you are.

