CityNav Slim

User's Manual

Welcome to use this GPS navigator

● **We keep the final explanation right on this user's manual**

● **Excuse for not inform you when this product has some change.**

● **Please copy your important data, as our company takes no responsibility for the loss of data.**

● **This manual has been revised, but we cannot ensure the preciseness without any mistake. Please contact our service center when the mistakes discovered.**

● **Please read carefully the operations and instructions on user's manual and use the accessory only provided by the original factory to avoid unexpected damages. If you don't use it according to the correct process or connect the incompatible accessories, the guarantee will be automatically invalid and this can even cause hurt to you and others. Our company would not take the responsibility for this.**

● **It is possible that the electronic navigation data is not consistent with the real traffic instructions because of the traffic construction development. Please do comply with the real condition and obey the traffic rules. It will probably cause a serious accident if you check or use the navigator when you are driving, and our company will not take the responsibility for any loss.**

● **The updating and upgrading information on firmware will be put on our website. It depends on you weather or not to update or upgrade.**

● **The pictures in the manual are just for reference, subject to the real machine.**

Chapter one

1.1 This unit

Welcome to use the GPS navigator, which is mainly in navigating and also has the function of video playing, audio playing, photo skimming, and E-Book.

- ✓ **High-sense, low-power consumption ARM9 400M CPU;**
- ✓ **Fine user interface: simple, easy to operate;**
- ✓ **Power managing: keep the product to work longer and more steadily**
- ✓ **Data transmitting: communicate with computer through Microsoft ActiveSync;**
- ✓ **Excellent on receiving signature: position accuracy provide you the satisfying navigating service;**
- ✓ **Good friend at free time: the MP3 and MP4 function can relieve your fatigue;**

You can use it randomly when driving, walking, riding, or waiting before conference; the perfect "GPS + entertainment" function can make your life and work more splendid.

1.2 Packing

The following accessories are contained in the GPS box, please check it:

1. GPS machine
2. Adaptor
3. Car light adaptor
4. MINI USB cable
5. Ear phone
6. User's manual

7. Protection bag（optional）
8. Bracket and holder

Chapter two

2.1 Features

- 4.3 inch TFT screen,480*272；
- Stereo earphone, built-in high quality 1W speaker, and the volume is adjustable
- Touch screen；
- Built-in GPS antenna
- Built-in Bluetooth module, connect with Bluetooth cell phone freely, set your hands free from mobile when driving(optional)
- FM transmitter (optional)
- The navigating firmware in the SD card can be run directly；
- Audio playing format: WMA9, MP3 and WAV
- Video playing format: ASF, AVI, MP4, WMV；
- Photo format: BMP,JPG,PNG,GIF；
- Text format: TXT；
- With built-in lithium battery and 5V charging voltage; also can use car lighter to charge the machine.

2.2. Specification

CPU	ATLAS Ⅲ
NAND Flash	64MBytes
SDRAM	64MBytes
LCD screen	4.3 inch TFT, resolution as 480*272
Touch screen	Touch screen
USB	USB 2.0, MINI USB 5PIN port
SD	SD / MMC slot, can support SD card up to 4GB （SD1.1）
Audio	A: Built-in speaker 1W/ 8 Ohm B: Hi-Fi Stereo 20 mW/32 Ohm earphone
Keystroke	ON/OFF
FM	FM transmitter
Bluetooth	Built-in Bluetooth module (1.2 standard)
Antenna Port	Exterior Antenna Port
GPS	Cold Start：<42 seconds

	Hot Start：<1 seconds（in the open air） Warm Start：<18 seconds
Battery	Built-in Li Battery
Charging Port	5V DC port（USB port）
Charger	100/220V charger，5 V／1.5 A
Car Charger	12 V swift to 5V／1.5 A
LED light	In charging（red LED on，green LED off） Finish charging（red LED off，green LED on） Starting Bluetooth （blue LED twinkling when matching, and will be on after succeed）
Temperature Range	Operation Temperature： 0 °C to 60 °C Storage Temperature：-20 °C to 60 °C
Size	15.5mm*80.5mm*123.3mm
Operation System	Microsoft Windows CE 5.0
Navigation Software Store Method	SD card
Video Format	Support WMV9, MPEG4, Divx 5.0, 4.0, 3.11, Xvid and MPEG2（Max solution as 320*240），ASF, AVI, WMV
Audio Format	Support WMA9, MP3 and WAV .Lyric
Photo Format	Support JPG, GIF, BMP ,PNG
E-book	Support TXT
System Setting	[language] [backlight] [time and date] [volume] [power] [system info]

2.3 Appearance
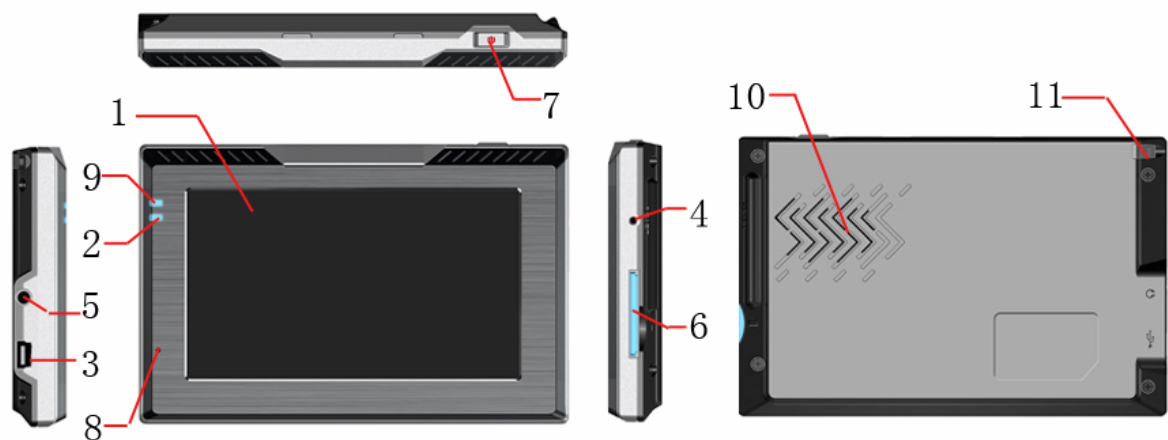
1	Screen	screen
2	Charging illustration light	Illustrate if the unit connected with exterior power; red means in charging progress, and green means finished
3	MINI USB port	Communicate with PC, also can be connected to charging power
4	Reset Key	Reset the system
5	Earphone hole	Connect earphone here
6	SD/MMC card slot	For SD/MMS card, and please do not draw it out when using. 【Note】You can press "reset" to remedy this.
7	Power Key	Long press to turn on or off.　Short press to make the unit back to main interface.
8	MIC hole	Microphone for your answering to the incoming call
9	Bluetooth Illustration Light	Off：　Bluetooth off；Twinkling：Bluetooth is on, but not be connected with cell phone；On：Bluetooth is connected with cell phone。
10	Speaker	Playing sound（such as voice guidance, music etc）。

11	Stylus	Click the screen and write down the address when you need navigation service. Please keep it in its slot, do not lose it.

Chapter Three

3.1 Power Supply and charging

Please full charge this unit before your first usage.

3.1.1 Power supply

This unit can be supplied with power by three ways: battery、adapter、USB cable.

The built-in battery would supply the GPS with power when the unit disconnected with adapter. [ ] in the top right corner or [ ] in power interface illustrates the current power status.

GPS connected with adapter, unit be supplied with power by DC.

GPS connected with USB, unit be supplied with power by USB.

【NOTE】USB cable should not be too long; Unit with SD card would give you two choices when connected with USB cable.
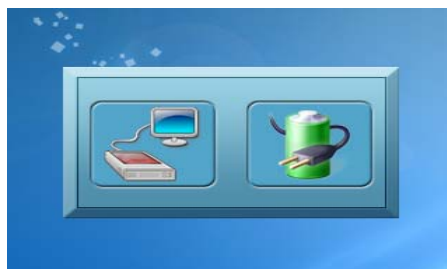
Choose for USB connecting, and for charging.

【NOTE】Built-in Li battery, can not be replaced. The battery's working time should be different according to your using. Some functions, such as audio, video, highlight backlight, would consume more power.

【NOTE】Do not split, impale, knock the battery, or even discard it into fire or water.

3.1.2 Charging by adapter

Do please charge the unit by adapter at your first usage.

1. Connect the DC Jack of the Adaptor to the Power in port on the right part of the machine.
2. The other end is connected with electric socket to supply AC power and also charging at the same tine.

【Note】The indication light is red when charging. Please do not pull out the adaptor until the light turn green as it is well charged.   Please charge your machine in time when lack of power.

3.1.3 Charging by car light adaptor

1. Please connect one end of the car light adaptor to the Power in port on the right part of the machine.
2. The other end is connected with the car light adaptor to supply power and also charging at the same time.

【Warning】 Please connect the Car Kit adapter after start the car's engine to avoid the electricity shock damaging the GPS product.

3.2 Power on/off

The power key [ ] can control the power on/off. Power off indicates the system is on Pause / Energy saving condition, the system keeps the last operation status when you power on again.

3.2.1 Power on:

Please check：The battery is well charged, or the machine is connected with adaptor and the switch is upward [   ].

【Note】When you carry the GPS machine from one place to another place, you need to wait until the machine has adapted to the environment to avoid of short-circuit caused by the humidity and temperature fluctuate.

3.2.2 Power off

Please press the Power key [ ] on the top of the machine to power off. The system will enter the sleeping condition and the system can keep the last operation state when you power on again.

3.3. Reset the system

If the system failed to work, Please reset the system by the followings steps.

Click the resetting key on the right part of the machine to reset the system by using touch pen / stylus.

It can make for no response in the following conditions

1. The shift between picture had delayed , hung or paused;

2. The touch pen function can not response the command normally, such as takes long time to carry out or cannot be activated;

3. The power key can not work.

【Note】The unsaved data will be lost as you reset the system when the system has no response. Please copy the data from time to time.

3.4 Bracket and holder

You can place this machine on the windshield by using the Bracket / holder from top-down hanging as in front of driver's view.

【Note】 When using the Bracket on the windshield, please pay attention of the position. Please don't block the driver's view and adjust the rear mirror's view, too.

Do not place the GPS on top of the Air Bag, such as Driver's wheel, or passenger's side Glove component. Keep the GPS away from the expansion range of the Air Bag when accident happened.

3.5 Stylus

The stylus is the communication tool on the GPS Touch Screen panel. Please store the pen in the pen-holder and do not lose it.

1. Single click ：

    Make choice or command.

2. Double click ：

    Confirm the command, by clicking the screen with the stylus point 2 times.

3. Drawing ：

    Click one point and hold, and then draw the stylus on the screen.

【Note】Do not use the sharp point, ball pen or metal parts to do the touch command. It will scratch and damage the LCD panel.

3.6 Connect with computer

The machine can be connected with the computer through the MINI USB on its left part. You can copy the document between navigator and computer or copy the data from GPS navigator to computer.   As well as recover the data in GPS when you are in need of them.

1. Please confirm the GPS navigator is power on;

2. Connect the MINI end [▬▬   ] of USB cable with the USB port on the left part of GPS machine and the normal end [▭▭] with the Host port on computer.

3. After connection, the computer can recognize and find the new hardware unit automatically.

4. Click [icon] to enter into USB mode, the GPS navigator will recognize the new disk automatically; the GPS navigator will stop operating the current procedure and shift to the online interface.

5. Please pull out the MINI USB cable after finished operation, the GPS navigator will return to the prior operation interface.

【important】Data security: Please copy the data to the outer storage device every time before you update your system data. The user has the responsibility to keep the backup of the date in case of SD Card reading failure.

【note】 The GPS navigator will stop all functions when it is connected with computer.

【important】 In the process of communication, the following operations will break off the connection with computer, the unfinished data will be lost.

1. Pull out the MINI USB cable;

2. Power off

3. Reset the system by using resetting key or electric switch

4. Click the close button on the top right corner.

Chapter 4

4.1 Main Menu and function illustration

1. Table list: / Main Menu:
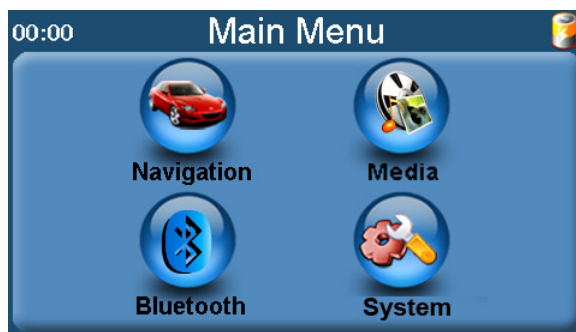
2. Function introduction:

Navigation	Afford the navigation reference (With Map software in SD)
Video player	Video playing formats: WMV, ASF and AVI. Support schedule adjustment, pause, full screen playing.
Photo skimming	Photo format: JPG, GIF, BMP, PNG. Support picture revolve, picture zoom, and power point.
E-book	Text format: txt. Support page option
Audio player	Audio playing format: WMA, MP3, WAV. Support random playing, sequence playing, repeat playing

System	Volume, power, backs light, date and time, language, system information.

In this chapter we will introduce some important notes on how to use the GPS navigator

4.2 Navigation

According to your choice of navigation system, the GPS navigator can make position by GPS satellite signal receiver and display on the navigation map. The system can calculate a best route after setting the destination, which can help users to arrive the destination safely and rapidly.

The system can let you enjoy the individual charm and enjoy your trip by many different ways such as vision map, vivid animation, voice indication, and words indication.

The specific navigation functions are depended on your choice of navigating software. Please refer to the Navigation Software Instruction

On receiving signal :

Many factors such as lofty, dense buildings (in the tunnel, between the lofty building, underground parking, under the trestle) various weather condition, and closure of the satellite will affect the ability to receive signal so as to result in inaccurate position, inefficiency of navigation operation and system function.
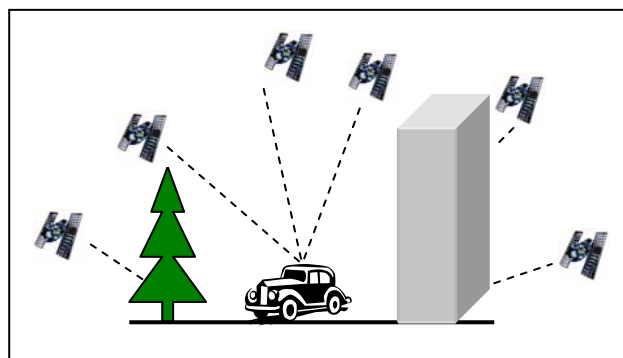
4.3 Audio:

This chapter will introduce how to use the audio player of GPS to play your favorite music and let it be your personal MP3

4.3.1 Features

The audio player support WMA9, MP3 and WAV music format, you can set the playing sequence at random.

Before using the audio playing, please copy your audio file to any folder.

4.3.2 Operation

1. Single clicks the button [image] in main menu to open the multi-media player as the following picture 4-1:

2. Single clicks the button [image] in main menu to open the audio player as the following

| [image] | Close | Single click to close the audio player. |

(Play icon)	Play	Single click to play or stop
(Pause icon)	Pause	Single click to pause
(Stop icon)	Stop	Single click to stop
(Play list icon)	Play list	Support sequence playing, random playing, and repeat playing
(Last song icon)	Last song	Play the previous item
(Next song icon)	Next song	Play the next item
(Volume adjust icon)	Volume adjust	Use the touch stick to adjust the volume by sliding the volume-displaying bar, go left to turn down, go right to turn up.
(Progress choice icon)	Progress choice	Use the touch stick to adjust the progress by slide the progress-displaying bar; go left to back up, go right to advance.
(File icon)	File	Single click to shift to the audio file interface and choose you favorite music.
mp3	Song title, format	Show the song title and the playing format.
02:25	Time	Show the elapsed time
Repeat	Playing list	Show the playing order

3. Audio files folder interface:

	Close	Single click to close the playing file.
	Last page	Show the last page
	Next page	Show the next page
	Go back	Return to the previous file
	File name	The name of the playing file
	Song title, format	The title and the audio format of the playing song.

4.4 Picture Viewing

This chapter will introduce how to use the function of picture / photo viewing.

4.4.1 Features

1. Support JPG, GIF, BMP and PNG format
2. Support picture revolving, picture zooming, and power point.

Before viewing photo function, please copy your pictures to the storage card.

4.4.2 Operations

1. Click to open the picture browser

	Close	Click to close the picture browser

	Magnify	Magnify the picture on proportion.	
	Decrease	Decrease the picture on proportion	
	Revolve	Click to revolve the picture for 90 degree.	
	Power point	Play all the pictures circularly on full screen from the current picture	
	The last item	Play the previous picture in the same file.	
	The next item	Play the next picture in the same file.	
	File	Click to shift to the file interface, and choose your favorite picture.	
	File name, format	Show the current picture and its picture format.	

2. Picture file interface:

	Close	Click to close the file
	Last page	Show the last page
	Next page	Show the next page

	Go back	Return to the previous file
	File name	Show the current file name
	Picture title and format	Show the picture name and the picture format.

4.5 E-Book

This chapter will introduce how to use the function of E- book.

4.5.1 Functions

1. Support TXT format
2. Support page turning, page skip, file choosing.
Before using the function of E-book, Please copy your documents to the storage card.

4.5.2 Operations

1. Click [icon] to enter the text view interface, as picture 6-1 showed;
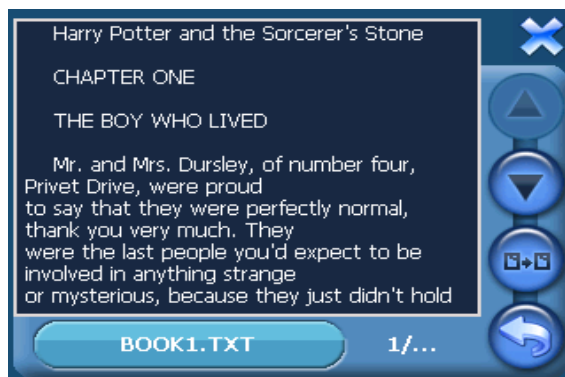
	Close	Click to close the text viewer.
	Last page	Turn to last page.
	Next page	Turn to next page
	Page skip	Click to enter the page-choosing interface as picture 6-2 showed. You can choose any page to read.

	File	Click to enter the file interface and choose the book as picture 4-8 showed.
BOOK1.TXT	The text title and format	Show the document name and format.
1/...	Page number/ total page	Show the current page number / show the total page

2. Page choosing interface.
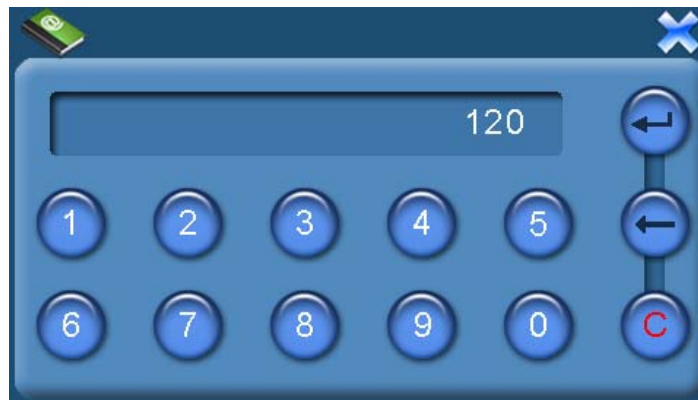
	Close	Click to exit page choosing interface
	Numeric keyboard	Consist of 9 figures from 0 to 9, can compose any number from 0 to 99999999.
120	Numeric display area	Show the input number.
	Back space	Click to delete the last number
	Reset	Clear all numbers
	Skip	Skip to the t page of current number showed and browse the current page.

3. Text file interface:
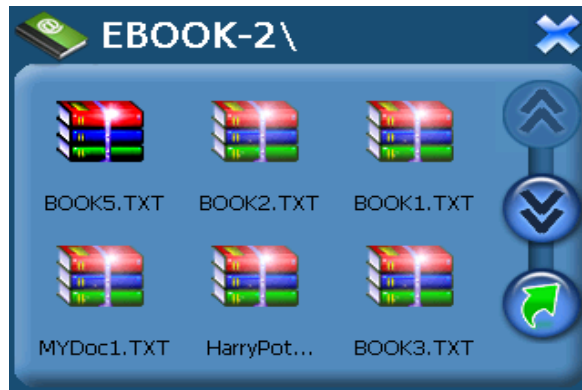
	Close	Click to close the current file
	Last page	Show the last page
	Next page	Show the next page
	Go back	Go back to the previous file
EBOOK-2\	File name	The document name of the current file.
BOOK5.TXT	Text name and format	The text name and format.

4.6 Video

This chapter will introduce how to use the function of video playing.

4.6.1 Features

1. Supporting formats : wmv, asf, avi
2. Support full screenplay, progress choosing, and file choosing.

Before using the function of video playing, please copy your video file to the storage card.

4.6.2 Interface and operation

1. Click to enter the video-playing interface .

	Close	Click to close the video player.
	Play	Indicate the movie is posed or stopped, click again to play continuously
	Pose	Click to pose the movie
	Stop	Click to stop playing the movie.
	Fast playing	Click to playing the movie fast
	Volume adjusting	Use the touch stick to adjust the volume by sliding the volume-displaying bar, go left to turn down, go right to turn up.
	Progress choice	Use the touch stick to adjust the progress by slide the progress-displaying bar, go left to back up, go right to advance.
	Power point	Play all the video circularly on full screen from the current picture
	File	Click to enter the video file interface, and choose your favorite movie.
Movie name	Title and format	Show the movie title and the format.
00:00:00/10:10:23	Time	The elapsed time/ the total time

2. Video file interface:
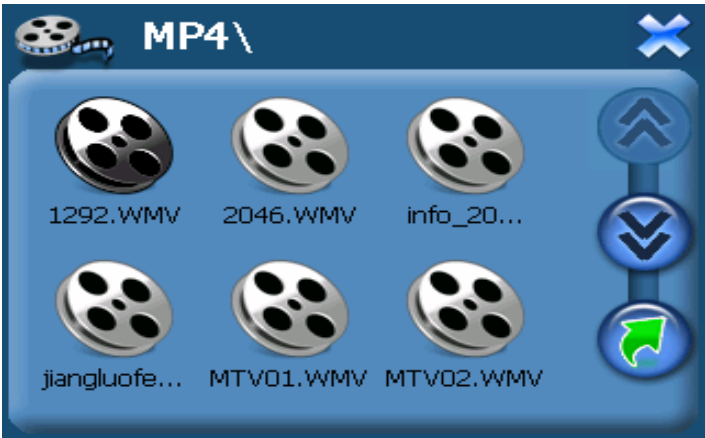
	Close	Click the current file
	Last page	Show the last page
	Next page	Show the next page
MP4	File name	The current file name
	Film title and format	Film title and format

4.7 Bluetooth (optional)

4.7.1 Interface

Click on the main menu, and enter into the interface of Bluetooth setting, picture as below:

	Close	Close the current folder
	Phone keyboard	Dialing calls
	Phone records	Record all dialed, received, missed call of the GPS; at most 20 records for each item
	Last call	Note the last call you dialed
	Pair	To match the Bluetooth between Bluetooth mobile phone and GPS
	Bluetooth setting	Set Bluetooth, incoming ring , close Bluetooth
	pair records	Records pair device management and show all the paired devices
	Status Bar	Show the present pair situation
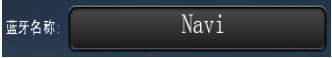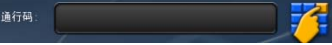
Remarks:

1. Bluetooth indication light, power off when Bluetooth closed, twinkle when Bluetooth opened but disconnect with mobile phone, power on when connect with mobile phone

2. Before dialing calls, please press call button if the device wasn't connected, the device will automatically enter into pair interface; after successfully paired, please take out of the phone.

4.7.2．**Bluetooth Setting**

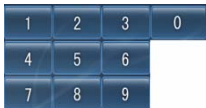Click [icon] in Bluetooth interface，it will show the Bluetooth setting as below picture:
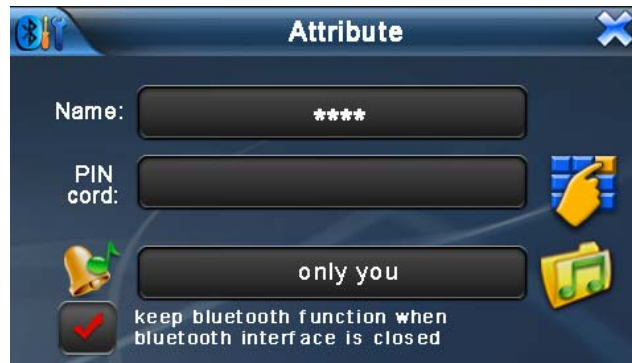
|		Close	Click to close the current folder
		Bluetooth name	NVA（be reference）
		Pin code	The setting pin code is showed
		Phone keyboard	Click and set pin code
		Incoming calls	Indicating the incoming calls
		Select incoming calls	Click and select incoming call
		Keep Bluetooth function when Bluetooth interface is closed	Default is Selected.

4.7.3. PIN code

Click on Bluetooth setting, set pin code.

	close	Click here to exit
8888	number display	show the password
	keyboard	With 10 numbers (0-9), maximum input and display 16 numbers
C	Backspace	Click it to delete
←	Confirm	Confirm password

【note】if the password is reset, you need to use the new password to pair it.
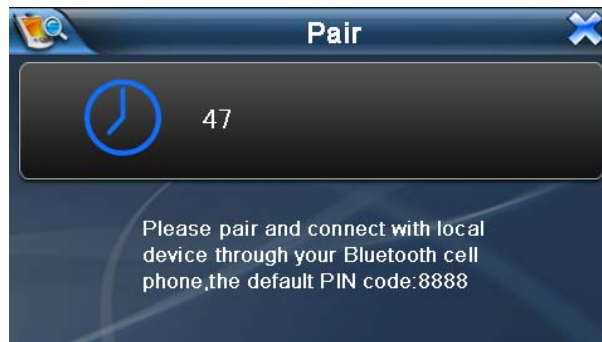
4.7.4. Call rings

Click , to choose call rings

	close	to close the file
ring\	File name	The present file name

	File name, format	click it to choose the call ring
	Upper page	display the upper page
	Next page	display the next page
	Back to the upper catalog	Click it go back to the upper catalog

4.7.5．Matching
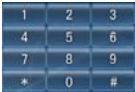
click pair button , to enter the pairing interface

Pair

47

Please pair and connect with local device through your Bluetooth cell phone,the default PIN code:8888

	Close	To exit
47	Pairing time	Count from 60s
Pairing instruction		Put the mobile with Bluetooth on near to the GPS device, and let it search pairing devices, a moment later, it will find the GPS. Then you need choose connect, and you will be asked for password "XXXX", please input"8888" and confirm it, then the mobile will displays finished pairing, and the GPS will end the pairing interface automatically and displays "established connection", the mobile mark on the interface will be red, the LED light will shine blue. Then you can use its Bluetooth function now.

【note】if paired before, when you enter the Bluetooth interface the next time, the GPS device will connect the paired device automatically, and the mobile device will indicate whether accept the pairing GPS device, and you just need to click "YES", needn't input password again.

4.7.6. Dial out
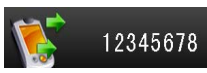
click , to enter the to enter the phone keyboard

	Close	Click it to exit
13800138000	Number display here	Display the telephone number
	Keyboard	With numbers from "0" to "9" ,"*" and "#", maximum input 20 numbers and display 16
←	Backspace	To delete numbers
	Dial button	To dial numbers
	called numbers	Click it to display the called numbers

Click , to dial out

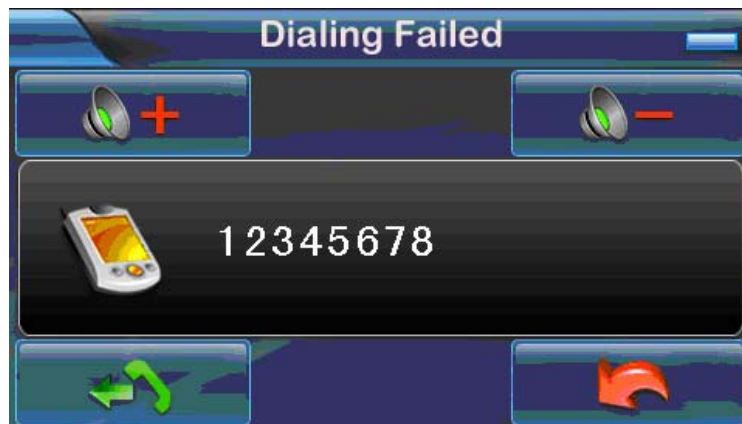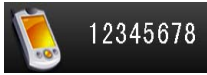|		
	Minimum display	Minimum display the interface
	VOL+	Increase volume
	VOL-	Decrease volume
	Number display	Display the dialing number
	Calm	Click it first, you can not be heard, click it again to recover
	Hang up	Click it to cancel the dialing

If the dialing is canceled before you hang up, it will display "dialing failed"
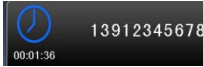
	Minimum display	Minimum display the interface
	VOL+	Increase volume
	VOL-	Decrease volume

12345678	Number display	Display the dialing failed number
	Redial	Dial the number again
	Close	Stop dialing

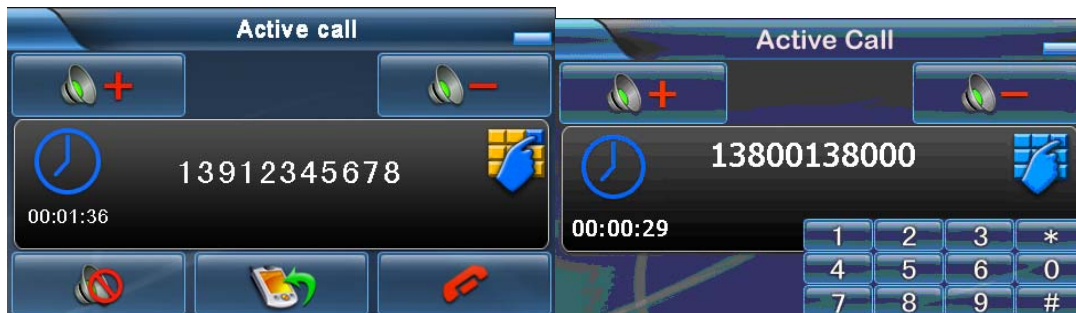If dialing succeed, it will display "get through"
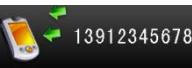
	Minimum display	Minimum display the interface
	VOL+	Increase volume
	VOL-	Decrease volume
	Number display	Display the number got through and talking time
	Calm	Click it first, you can not be heard, click it again to recover
	Shift talking type	Click it to shift talking type
	Refuse answer	Click it to hang up
	Small keyboard	Click it to get a small keyboard 【note】 you can use it to dial extension number, click it again to hide it

4.7.7. Incoming calls and answering
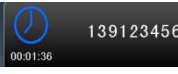
If a call coming, it will display "calling" and the calling number

	Minimum display	Minimum display the interface
	VOL+	Increase volume
	VOL-	Decrease volume
	Number display	display the calling number
	Calm	Click it first, you can not be heard, click it again to recover
	Answer	Click it to answer
	Not answer	Refuse to answer the call

When the phone was put through, it would display "phone connected", then you can hear the caller's voice from the GPS device, and also can speak to him/her through the device, the GPS device will also display the talking time

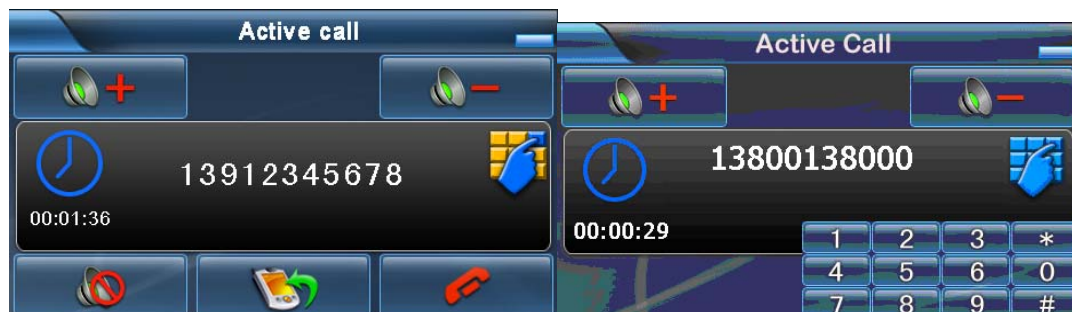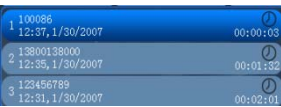|		
	Minimum display	Minimum display the interface
	VOL+	Increase volume
	VOL-	Decrease volume
	Number display	Display the present caller number, and talking time
	Small key board	Click it to get a small keyboard 【note】you can use it to dial extension number, click it again to hide it
	Calm	Click it first, you can not be heard, click it again to recover
	Shift to mobile	Click it to shift to the mobile, after finished the talk, click "hand free" on the mobile, or "to Bluetooth" to recover the Bluetooth connection. 【note】different mobile may have different display (eg, when click it at the connection with NOKIA, it will shift to the mobile automatically and pause the Bluetooth connection, then the interface will be close, and will recover the Bluetooth connection after finished talking, then device will display dial interface; When click it at the connection with SAMSUNG, the Bluetooth connects won't be paused, and the talking interface will be kept, you can click it again to recover.
	Hang up	To end the talk

【note】 when talking, you can click to get minimum display, or press the key "MENU" to enter the table menu, so that you operate navigation or other function, which will be very convenient for you.

4.7.12. Calling Record

Click the "called numbers" button at Bluetooth function

	Close	To exit
	Dialed numbers	To display the dialed numbers
	Answered numbers	To display answered numbers
	Not answered numbers	To display not answered numbers
	Number display	Display numbers
	Upper page	Search at the upper page
	Next page	Search at the next page
	Delete the chose numbers	Delete the chose number
	Delete the chose number lists	delete all of the chose number lists
	Dial the recorded number	To dial the recorded number
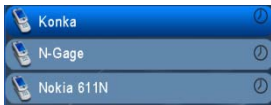
【note】the calls record will note down the numbers dialed out, answered and not answered at the GPS device (20 of each), including number, time and talking time.

4.7.9. Matching Record

Click ![icon] at Bluetooth function to enter paired device record

	close	To exit
	Device display	To display the paired devices
	Upper page	Search at the upper page
	Next page	Search at the next page
	connection	Click it to connect the chose Bluetooth device
	Disconnect Bluetooth	Disconnect the present Bluetooth device
	Delete paired record	Delete all the paired devices

【note】 if you want to connect the GPS with a mobile when it is already connected with another mobile, you need disconnect the present mobile, and chose the new mobile, then click [image]. If you can not find the new mobile at the rpesent device list, you need go back to the table menu to sech again.

4.8 FM (optional)

Click " [icon] " to enter FM setting interface,

Click to "Open" or click to "Close", click ""and"" can set the frequency of FM transmitter, after setting click""to exit.

Here FM function is FM transmitter, when you choose "Use FM", sound would be transferred to receivers (maybe your mobile or auto sound box, just as you settled), and you can not hear any sound from the GPS.

4.9 System

4.9.1 Interface

1. Click to enter "system" menu, then you can set the relevant functions. There are "voice", "power", and "backlight set "," date and time "," language", "system info" for choice.

Volume	Adjust the speaker volume; Turn on / off "click screen volume" FM Transmitter setting
Power	Check the present battery condition

Backlight	Adjust the screen backlight;
	Backlight turn off time interval under self power supply
	Backlight turn off time interval under external power supply
Date and Time	Time set;
	Date set;
	Time zone set
Language	The default language set;
	Background style set
System info	Return the original implied value;
	GPS Reset
	Calibrate the touch screen
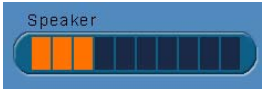
4.9.2 Volume

"Volume settings" include:

1. Speaker volume adjust;

2. "Click screen volume" set

3. FM Transmitter setting.
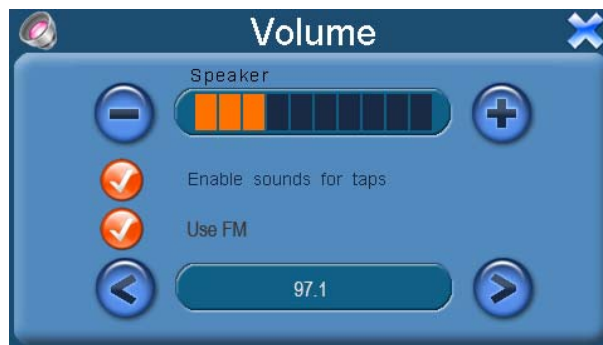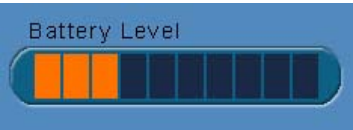
	Turn off	Exit "volume adjust" interface;
	Volume -	The system has 10 levels volume (from calm to loudest), single click can decrease a level
	Volume +	The system has 10 levels volume (from calm to loudest), single click can increase a level

	"Click screen volume"	Once chose, it turn on, or it close
	Present volume	Red blanks shows the present volume level, a blank is mean a level

4.9.3 Power

"Power set" is to check the power left and whether charging is on.
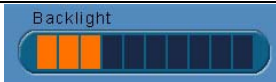
	Turn on	Exit "power set" interface;
	Power indication	Yellow blank(Maybe other colors) shows the power left; The yellow blank will be filled from left to right when charging

4.9.4 Backlight

Backlight settings include:

1. Adjust backlight brightness;

2. Turn off backlight time interval set at self power supply condition;

3. Turn off backlight time interval set at external power supply condition.

		Turn off	Exit "backlight set" interface;
		Brightness-	Just click it, the brightness will decrease gradually to the lowest level;
		Brightness+	Just click it, the brightness will decrease gradually to the highest level
		Turn left	Single click can turn the interval to left for one time to display the previous blank, repeatedly display
		Turn right	Single click can turn the interval to right for one time to display the previous blank, repeatedly display
		Brightness	Red blank shows the present brightness
		Time interval	The backlight will turn off and enter the power saving condition after stop operating the machine. There are 6 items for choice: "never", "3 min", "2 min", "1 min", "and 30 s", "10 s".

4.9.5 Time and date

Date and time include (Date and time will renew to default date and time if the system is reset or power off)

1. System time set;

2. System date set;

3. System time zone set.(Can't be changed)

A Single click to enter "date" interface (as the following), then click, then

click or to set year, month and date.
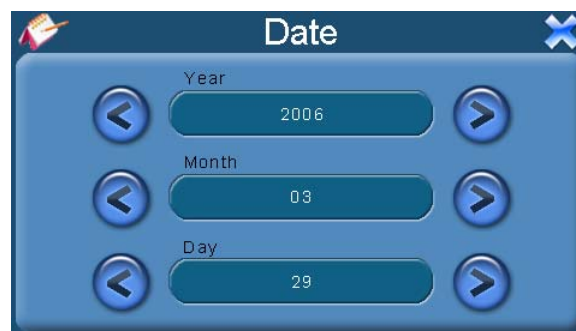
B Single click to enter "time" interface (as following), you can single click

 or to set hour and minute.

4.9.6 Language

Language set include:

Default language choose and Background choose
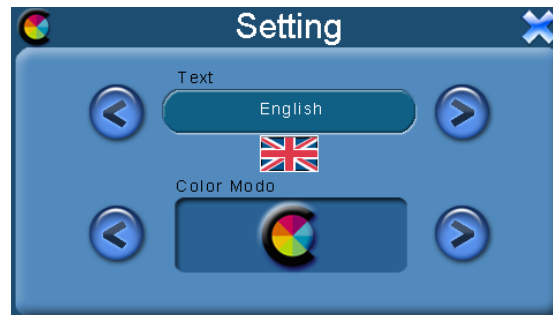
Single click or to make choice.

4.9.7 System info

System info included:

1. USB

   Single click , system would give you two choices, "Mass Storage" (use as card reader) and "MS Active Sync" (ActiveSync).

2. Calibrate the touch screen

Single click it will come out "calibrate touch screen interface. Press the cursor (the middle point) according to the displayed instruction till it removes, keeping pressing till an "ok" displayed on the screen.

Please tap on the black dot firmly
The black dot will continue to move until
the screen is aligned.

Chapter 5 Trouble Shooting

IF your GPS navigator cannot work normally, please check it as follows. If you cannot resolve the problem, please contact our service center.

Problem	Reason	Solution
Can not turn on the navigator	Lack of power	To be charged by adaptor or car light adaptor
	Switch off	Upward the switch
Can not display clearly	The back light is not bright enough	Consult 8.3, adjust the backlight
	The back light has been turned off	Use the touch stick to click the LCD; the screen will turn bright again.
Touch screen function is abnormal	Touch screen function is not emendated well	Consult 8.6, Emendate it again
Without sound	The volume is at the lowest condition	Turn up the volume
	The earphone can not be connected well	Connect the earphone
Can not communicate with computer	The USB cable is not connected well	Consult 2.4, connect USB cable
No signal		The signal intensity is weak, it need more than 3 minutes to receive the signal

	Consult 2.3.5、3.2
the map data is lost	1. The map data is included in the disc
	2. Contact your agent or distributor
	When use the navigating function again, you need to input the password.

The GPS navigator is a reliable navigator and also a good pastime partner if you tend and protect it correctly. Please adopt following methods to tend and protect it then the machine can be used for a long time without trouble.

✓ Screen protection: please use the touch stick to operate for pressing the screen at tilt will break the screen. As clean the screen, you should use the soft cloth sprinkled with a few drops of glass cleaner but not spray the cleaner to the screen directly.

【important】 Please do remember to close the GPS navigator before cleaning the screen.

✓ Avoid dropping: Dropping from the high altitude or strike will damage the precision part such as screen.

【important】 Accident damage is not in the range of guarantee.

✓ Avoid using the navigator at the following condition: rapidly changed temperature, high temperature (over 60 deg), low temperature (below 0 deg), high pressure, much dust, static, humidity, and also corrosive liquid.

✓ Avoid radiation: the radiation from other electric device may influence the screen display. It will be recovered by exclude the radiation.

【important】 We suggest you to take the gift bag to get the X- ray detection when you need air transport. This can help you avoid magnetic detection and bar magnet detection, which will damage the system data.

✓ Avoid strong light: Do not expose this machine under strong light or ultraviolet directly; this can help the machine prolong the useful life.

Chapter 6 FAQ

1. When I enter navigation, why showing"not find navigation software!"
A. Check whether you set path of navigation software correctly (see page 13).

2. What role does the electrical map play in the navigator?
A. The electrical map is an application that integrates map data and navigation software, and the navigation function is implemented with the help of the software and the navigator.

3. How long would be the positioning completed after turning-on?
A: The navigator should meet the requirement of getting position parameters with 60s at the same point under clear sky. But the time to position is affected sometimes by factors such as satellite signal shelter, SA interfere (block-off of mountain or building), climate, environment etc.

4. Why does the positioning take longer sometime?
A: The time to position may be longer in the following situations:
- GPS satellites distribute uneven over the local zone.
- GPS signal can not pass through most opaque solid matters, and the signal receiving is interfered shelters above such as building, tunnel, trestle, tree, vehicle's blast-ban membrane etc., as well as weather conditions such as overcast and rainy day.
- The battery energy of the navigator is not adequate.
- The receiving of GPS signal would also be affected and reduced down by thick film or tearing foil that contains some mental element.

5. Is it free to receiving GPS satellite signal with the navigator?
A: Yes, the receiving of GPS signal is free of charge.

6. Can I obey completely the GPS's navigation during my trip?
A : The result of the position and the route calculated by the navigator are only for your reference, and you shall pay attention to the local code and the traffic symbols in driving.

7. How about the precision of the navigator?
A: The precision of the GPS, which comes from the satellite position technique of the USA army, is completely in the influence of the precision of USA's GPS satellite signal. According to the official data, the precision is within 10 meters; and commonly, it may be more precise in 6 meters at more than 90% time.

8. How to do in the case of abnormal shutdown of the navigator?

A: (1) Press the RESET Key on the back of the device and observe if the restarting is normal or not.

(2) The electrical capacity of the Li-ion battery is not adequate. Recharge it with the USB cable connected to a computer or with the charger, and try to turn on the device under the condition of enough energy.

9. Why the stand-by time of the navigation instrument is too short sometimes?

A: The duration of the lithium battery varies with environmental temperature changes and the service conditions. If the environment temperature is too low or too high, the duration of the battery will be affected. It is recommended to use this device at the room temperature!

Advice: When the device is being used, larger screen of the navigation device requires more electricity. In addition, affected by the volume increase, sound field special effects, and other factors such as frequent operation, the actual duration may be different from specified one to a certain extent. When the device is used in the car, it is recommended to connect the car charger and charge the device while using it.

10. Why there are some movie files can be played, while others of same format can not be played?

A: Incompatibility may occur, because there are different compilation-modes and resolutions for the files of same format at current websites. All you have to do is convert their format using recommended conversion tool before playing them..