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Welcome to use Navigation satellite navigator

- No inform if any change of this product. Thanks for your kindly understanding.
- Please backup your important information,. No responsibility for any information lost.
- This manual has been checked carefully, but we can not guarantee there were still some language mistakes. If you find any mistakes, please contact our customer service department, thanks.
- Please read the user manual's instruction very carefully, and only use the original accessories in case any unexpected damage. If you did not follow the correct instruction or use the incompatible accessories to lead to the products defected, the warranty will be invalidation automatically. It can hurt other people's safety in wrong usage. We can not take this responsibility. .
- Due to the development of traffic construction, e-map's database in navigator may different with reality traffic indication, please follow reality traffic status and obey the traffic regulations. Operating or checking navigator during driving may cause serious traffic accident. We can not take any responsibility of the accident
- Showing photos in this user manual are for reference, please follow the real product's display.

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Welcome to use NAVIGATION navigator. The main function is GPS navigation, also support video play, audio play, photo browse and e-book reading.

- ✓ Using high performance low consumption ARM9 400M CPU as main operator
- ✓ Simplesness operation system and friendly user display
- ✓ Power management: Ensure products quality stable and working as long as it could.
- ✓ Data transfer: communicate with computer through Microsoft ActiveSync
- ✓ High grade receiver and exactness orientation give end user the best service.
- ✓ Best company for entertainment with mp3/mp4 function. Reduce your working stress.

No matter you are driving, walking or riding the bicycle, NAVIGATION's wonderful function will help you to make your life and work more perfectly. You can use it in anytime.

### **1.1 Products Package**

NAVIGATION Package including:



NAVIGATION



Charger (Support various Charger)



Power charger in car



MINI USB Connector



Suction Cup mount



Earphone



User Manual



Touch Pen



Car Kit

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## 1.2 Begin to use the manual

For your most convenience to use NAVIGATION and make it function use very well, please read the manual very carefully.

You will have this information during using the product.

[Note]: about subject explanation and make out

[Info] about subject extension information

[Attention]: About subject attention's warning points. Please take care of this information and follow the operation, it's very important or it will bring destructive trouble to you and other people/

This chapter introduce NAVIGATION's outside tooling, accessories and the basic use instruction. You will learn to basic operation simply.

### 2.1 Product Appearance




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1	Menu Key	Back to major display system
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2	Power Key	System power on/off
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3	Antenna for car	Connect GPS antenna in car
4	Knob for volume adjust	Adjust volume
5	Battery on/off	Push up is “on”, Push down is “off”
6	Power connector	Connect power charger
7	Indicated light	Indicate if external power connect: red light means power charging, blue light means full power charge.
8	MINI USB Connector	Communicate with PC through MINI USB cable.
9	Restore Key	Restart System
10	Earphone hold	Connect Stereo earphone
11	SD/MMC Card Slot	Come with one SD-MMC storage card, including map software, map data and user file, DO NOT pull it out during using.  <b>[Attention]: If you pull out the storage card, please push the restore key on the left to restart the system.</b>
12	GPS Receiver	Set GPS receiver to plane level, then begin to receive satellite signal..

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13	Speaker	Voice Play, including navigator warning tone, music play.
14	Touch Pen	Use for touch screen click and writing. Pull it out when using, put it back after finish use.

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## 2.2 Power Supplier and Power Charger

First time using, it must use the compatible power charger until full charging.

### 2.2.1 Power Supply

Two kinds of method to power supply, one is AAA battery power supply, the other one is power charger supply.

Power supply by lithium battery during no compatible charger connected. In the system major display icon [  ] will show on the top of right side. Or battery bar [  ] will show battery status in the battery setting page.

GPS power supply by external power electricity while connecting compatible power charger.

[Warning]: The navigation is using internal and unchangeable lithium battery. Usually it can be keep playing to around eight

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hours if backlight set to low consumption. It's up to how to use it, and the power's playing time will be different. Some function's consumption is quit large, it may cost large power and the playing time will be shorter.

[Warning]: To prevent any fire or dangerous, please DO NOT take apart, collision or through away the lithium battery. DO NOT put battery into the fire or water. Or battery will blow up or release dangerous gas to hurt people.

### 2.2.2 Using Power Adapter Charging

First time using, it must use the compatible power charger until full charging.

1. Use power adapter DC port to connect power connector in the right side of GPS
2. The other port connect power charger, power supply during power charging.



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[Warning]: Red light means power is being charging, please be patient to wait, DO NOT pull out the adapter during charging..

Light will became blue after full charge. Please keep charging in time if battery is low or run out.

### 2.2.3 Compatible Power adapter in Car

1. Use power adapter DC port to connect power connector in the right side of GPS
2. The other port connects to cigar lighter to charge power and supply power in the same time.



[Warning]: Please insert power charger after car engine is started, in case electric current damage the product during car engine is starting.

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## 2.3 Basic Use

### 2.3.1 Battery on/off

Battery switch [  ] is located on the right side of GPS to control whole system power supply. :

Push switch up [  ], system power supply is normal through battery or external electric to system power supply.

Push switch down [  ] means power supply is shut down. System can not run normally.

[Warning]: When battery switch is off and power supply is shut off, but it still can be running normally.

[Relate Information]: If long time no use, please switch off battery control to same the power. It will last battery's life.

### 2.3.2 Power on/off

Power control by power on/off key [  ]. Power off means system is going to power save status. System will display the last time power off status.

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## 1. Power on

Please check: Battery power enough or external power connected and battery switch to up [  ] status.

Press the power key [  ] on the top of GPS to start.

[Attention]: When mainframe move from one place to the other place, please let mainframe get use to the current condition first, in case any short circuits cause by humidity fluctuate

## 2. Power Off:

Press power key [  ] to end of use, system will go to sleeping status. Next time power on, system will go to the ex-display automatically.

{[Warning]: Push battery switch down to same electric current's consumption.

### 2.3.3 System Restart

When system does no respond, please use two methods as below:

- 
1. Use touch pen to push restore button on the right of GPS, system restart.
  2. Push battery switch down, and then push it up. System restart.

[Related information]: System will be no respond with below situation:

1. Menu switch is too slow and stasis to stop menu switch.
2. Choose function is execute too long time, and then activation fail.
3. Press power key then no activation.

[ Attention] : System restart when system was no respond, storage information will be lost, please backup your important data previously.

#### **2.3.4 Use car kit to fix up GPS navigator**

Car kit is made with tray and bracket. Please use the car kit to put the GPS under windshield on the panel in car.

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[Attention] : DO NOT put NAVIGATION in front of your driving vision, also DO NOT put it anywhere you prefer without fix up, DO NOT fix it up to the air bag, DO NOT put it within expand air bag area.

### **2.3.5 Antenna for car using**

Using Antenna in car can increase the receiver's quality. Usually connect with antenna hold [  ] on the right side of GPS, the other side adsorb on the top of car.

[Warning]: GPS receive signal quality, orientation speed and stable of orientation were affecting the function's using directly. If you are using navigator during driving, suggest to installing antenna together.

[Attention]: If car had installed complete full set of tar sheathing paper, Please use GPS external antenna, put the antenna on the top of the car through car window. Please DO NOT extrusion antenna when closing window.

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### 2.3.6 Touch Pen using

Touch pen is the tool of communication between user and GPS navigator, please keep it and take care of it.

1、 Click:

Use pen point to click screen once

2、 Double click:

Use pen point to click screen twice.

3、 **Drag**

**Click the point on the screen by pen point, then move pen point.**

[Attention]: It's possible to scoring or disrepair the LCD screen if you were using disrepair pen point and ball pen, or any coarseness stuff. If pen point has any disrepair, please DO NOT use it for GPS screen..

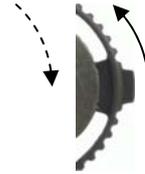
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### 2.3.7 Knob for volume adjust

System supports ten level volumes from mute to max.

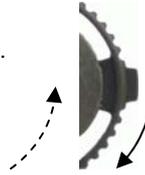
1. Increase volume: Push knob up then unleash, knob go back to original place.

Push knob once volume will increase one level.



2. Reduce volume: Push knob down then unleash, knob go back to original place.

Push knob once volume will reduce one level.



### 2.3.8 SD/MMC card using

The SD/MMC card come with GPS navigator is including map software, map database and media information, please insert SD/MMC card to card slot correctly during using.



[Attention]: When system is running the program or playing media file, please DO NOT pull out SD.MMC card.

[Attention]:

1. DO NOT push SD/MMC hard, DO NOT band SD/MMC card, DO NOT bounce or strike SD/MMC card.
2. DO NOT store it with high temperature or high humidity place. DO NOT put it under the sun. Keep away from liquid or causticity material..
3. Attention the slot direction of SD.MMC card. DO NOT slot it carelessly, it cause slot and SD/MMC card disrepair.

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### 2.3.9 Hot Key

Menu key [  ] on the top of GPS navigator, Press the key, display change to major window. [Warning]: The key helps user go back to major display speedily.

### 2.4 Communicate with PC

Connect to PC through MINI USB connector on the right side of GPS. It can copy files between navigator and PC computer, or backup data from navigator to PC computer, PC can restore the data back to navigator when it's needed.

1. Ensure GPS navigator in running
2. MINI USB port [  ] of USB cable connects with MINI USB port on the left side of GPS, the other port [  ] of USB cable connects with PC computer USB host connector.
3. Completed connection, PC recognizes new device automatically. GPS will stop so far running program and switch to PC computer connecting status.
4. Completed communication, pull out MINI USB cable, GPS navigator goes back to before connecting display.

---

[Attention]: Database security, Before update system database, please backup the database to external storage equipment first.

In case any accident of database losing or shatter, our company can not take any responsibility.

[Warning]: GPS navigator will stop every operation during connecting with PC computer.

[Attention]: DO NOT make below operations, or it will intermit connection with PC and lose the transferring database:

1. Pull out MINI USB cable
2. Push power key to OFF the unit.
3. Push restore key or battery switch to restart the unit.
4. Click close button on the top of right side of window.

---

**2.5 Boot-strap major window and major function introduction.**

1. System Major Window:



2. Function Introduce:



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Navigator	Support Navigator reference.
Video Player	Support wmv, asf and avi format video file. Support rate of progress adjusting, pause, full screen display.

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Photo browser	Support JPG, GIF, BMP and PNG format photo file, support photo rotate, enlarge or reduce, sliding, etc.
E-Book Reader	Support TXT format file reading, support pager choosing.
Audio Player	Support WMA9, MP3 and WAV format audio file, Support Shuttle play, normal play and repeat play.
Setting	Volume, Power, Backlight, Date & time, Language, System information.

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## **2.6 Protection of NAVIGATION navigator**

A correct protection way can make a reliable, amuse GPS navigator. Please follow below steps to protect your GPS navigator, ensure it can be use for long time and security.

- ✓ Screen Protection: DO NOT press touch screen too hard. Please use touch pen to operate GPS navigator. For screen clean, please spread little window cleaning solution to the wiper, then wipe it softly. DO NOT pour cleaning solution to screen directly.

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[Attention]: Please close GPS navigator first, then use wiper to clean.

- ✓ DO NOT fall off: fall off from high altitude or bounce may cause some important parts of screen disrepair.

[Warning]: Damage by accident is excluding in the warranty list.

- ✓ DO NOT use it under below situation: Temperature change rapidly, temperature is up to 60 degree or low to 0 degree, high pressure, static disturb, humidity. Prevent causticity liquid material dip into the navigator.
- ✓ Prevent radiate disturb: It will disturb GPS navigator's normal display from other electronics equipment's radiation disturb. Remove disturb house to furbish display normal working.

[Attention]: For air transportation, please put the GPS with your carry bag to the X radial checking system. DO NOT let it pass magnetic head checking machine( the one passenger go) and magnetic stick(the one security people hold) checking, this equipment may cause navigator system database fail. Our company can not take respond for this reason.

- ✓ DO NOT let navigator in strong lighting directly. DO NOT put it under strong lighting or ultraviolet radiation to extend the using life.

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This chapter introduce how to play music by using the NAVIGATION, it will become your MP3.

### 3.1 Function

The audio player support WMA9, MP3 and WAV. You can arrange the playing order by yourself.

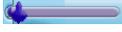
Before using the audio player, please copy your audio file to one of the folder of memory card.

### 3.2 Interface and Operation

1. Click audio player  on the main interface, like the following:



3-1 audio player interface

	close	Click it to close the audio player
	play	Means the music pause/stop, click it to continue the music
	pause	Means the music is playing, click it to stop.
	stop	Click it to stop the music
	Set play order	Support orderly play, random play, circularly play
	The last music	Play the last music
	The next music	Play next music
	Volume modulation	Use the touch pen to modulate the volume. Left: turn down; Right: turn up
	Playing point modulation	Use the touch pen to modulate the playing point.
	Folder	Click it and then switch to the interface of audio folder to choose the music you like (see 3-2picture)

<b>曾经最美.mp3</b>	Song title & format	Display the current song title and file format.
<b>00:01</b>	Time	Display the playing time
Repeat	Play order	Display the current playing order

2. Audio folder interface:



3-2 picture Audio folder interface



Close      Click to close the current folder

---

	The last page	Display the content of the last page
	The next page	Display the content of the next page
	Return	Return to last folder
	Folder title	Current folder title
	Song title & format	Song title and audio format

---

This chapter introduces how to use NAVIGATION browser to browse the picture.

#### 4.1 Function

1. Support browsing the picture with format of JPG、GIF、BMP and PNG etc.
2. Support picture rotating; picture magnifying and shrinking, picture playing automatically.

Copy the picture to one of the folder of the memory card, before picture browsing.

#### 4.2 Interface and Operation

1. Click  to open the picture browser like the following picture 4-1



4-1 interface of picture browsing

---

	close	Click it to close the browser
	magnify	Magnify the current picture pro rata
	shrink	Shrink the current picture pro rata
	rotate picture	Click the current picture to rotate it
	Play automatically	From the current picture to play all the pictures of the folder automatically.
	The last one	Browser the last picture of the same folder
	The next one	Browser the next picture of the same folder
	folder	Click it and then switch to interface of picture folder to select the picture you like (see 4-2 picture)
	Folder format	Display the current picture and format of the picture.

---

2. Interface of picture folder



4-2 interface of picture folder

	Close	Click it to close the current folder
	The last page	Display the content of the last page
	The next page	Display the content of the next page
	Return	Return to the last folder
	Folder title	The title of the current folder
	Picture & format	Picture and the format of the picture

This chapter introduce how to use NAVIGATION E-book to read the e-book.

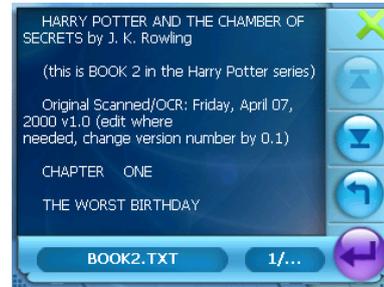
## 5.1 Function

1. support TXT format.
2. support turning page orderly and skipping page, and folder selecting.

Copy the text file to one of folder of the memory card before you use the e-book.

## 5.2 Interface and Operation

1. Click e-book , the e-book like the following picture 5-1



5-1 interface of the E-book

---

	close	Click to close the E-book
	The last page	Read the content of the last page
	The next page	Read the content of the next page
	Skip page	Click, appear “page chose interface”(see picture 5-2), can skip to any page
	Folder	Click then switch to text file interface, chose your book (see 5-3)
	Text title and format	Display current text file title and file format.
	Page/page number	The current page/text file page number

2. Page chose interface:



5-2 page chose interface

	Close	Click to exit the page chose
	figure keyboard	0-9 figures, can combine any number from 0 to 99999999
	Figure display	Display the entered figure
	quit	Click to delete automatically the last figure
	clear zero	Clear figure zero
	skip	Skip to the page of the figure display to read the content.

3. Text file folder interface



5-3 Text file folder interface

	Close	Click to close the current folder
	the last page	Display the content of the last page
	the next page	Display the content of the next page
	return	Return to last folder
	file title	Current folder title



song title &

Text file title and file format

format

---

---

This chapter introduces how to use Navigation video player to play the video file.

## 6.1 Function

1. support the video file with the format of wmv, .asf and .avi etc.
  2. support full screen play, play point choose, file choose.
- copy the video file to one of the folder of the memory card, before using the video player.

## 6.2 Interface and operation

1. Click  to open the video player like Picture 6-1



Picture 6-1 interface of the video

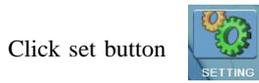
	Close	Click to close the video player
	play	Means the playing pause /stop, click it to continue play
	pause	Means playing film, click to pause
	stop	Click to stop the film playing
	speed up	Click to speed up the selected film, click it again to play normally.
	Volume modulation	Use the touch pen to modulate the volume. Left: turn down; Right: turn up
	playing point modulation	Use the touch pen to choose the playing point by dragging the knob
	folder	Click then switch to video folder interface to choose the film you like (see 6-2)
	film name and format	Display the current film name and file format
	time	Playing time/total time of the film

2. Video folder interface



6-2 video folder

	close	Click it to close the current folder
	the last page	Display the content of the last page
	the next page	Display the content of the next page
	return	Return to the last folder
	text file title	The current file folder title
	film name & format	Film name and file format



Click set button to enter the menu of System setting. The setting include: volume, power, backlight, date and time, language, system information.



volume            Modulate the volume of the speaker  
Start/ close the sound of clicking the screen

---

Power            Check the current power state.

---

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backlight            Modulate the light of the backlight of the screen.

                          Time break setting when close the backlight under the case of battery supplying power

                          Time break setting when close the backlight under the case of out power supplying power

---

Time and Date        system time setting

                          system date setting

                          System time zone setting

---

Language             system indication character chose

                          System outlook chose.

---

system information    reset the factory setting

                          GPS reset

                          Touch regulation

---

---

## 7.1 Volume setting

Include:

1. speaker volume modulation
2. clicking screen sound setting



close

Exit from the volume modulation



volume decrease 10 grades volume can be chose

---



volume increase 10 grades volume can be chose

---



click screen  
Select and click it to open,  
sound

---



current volume Red means the grade

---

## 7.2 Power setting

Function: check the current remain battery power and whether or not the charging is on the way.



close Exit from the power setting

---

battery state Red grid means the remain power



In the charging state, the grid will be filled.

---

---

### 7.3 Backlight setting

Include:

1. Modulate the light of the backlight of the screen.
2. Time break setting when close the backlight under the case of battery supplying power
3. Time break setting when close the backlight under the case of out power supplying power



close

Exit from the backlight setting

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---

	light decrease	Click to decrease the light
	light increase	Click to increase the light
	move left	Click it to move left the time break display column, display the last content of the column, circularly display
	move right	Click it to move right the time break display column, display the last content of the column, circularly display
	light display	The red grid means the current light of the backlight
	time break	The system will close the backlight automatically when you stop the operation for a specific time.

---

#### 7.4 Time and date setting

Include:

1. system time setting

- 2. system date setting
- 3. system time zone setting



1. click  to enter "date" interface (see the following picture) , click  or  to set the year, month, day



---

2. Click  to enter the Time interface, click  or  to set the hour and minute



### 7.5 Language chose

Include:

1. system indicated character chose
2. system outlook chose



click  or  of the language column to choose the language, Chinese or English can be chosen.

Click  or  of the outlook column to choose the outlook, blue or yellow can be chosen.

## 7.6 System information

Include:

1. reset the factory setting
2. GPS reset
3. touch screen regulation



click **Factory Reset**, the factory setting interface appear ( like the following picture) , click **Yes** to reset the factory setting, click **No** to close.



click **GPS Reset** the GPS reset interface appears click **Yes** to reset the GPS, click **No** to close.



click **Calibration**, the touch screen regulation interface appears, click the centre of cross cursor, move the cursor until fix the cursor, the system will close the interface automatically return to the main interface.

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Our company keeps the right of revising the specification, you are not noted about any changes.

measurement	91.68x76.80x28.50mm
battery	Fixed lithium battery, 1100mAh/3.7V
speaker	<a href="#">1W@8ohm</a> or <a href="#">2W@4ohm</a>
earphone	20 mW/32ohm
audio	WMA9, MP3 和 WAV
video	AVI、MPEG、MPG
picture	JPG、GIF、BMP 和 PNG
e-book	TXT
work temperature	0 °C ~ 60 °C
store, transportation temperature	-20 °C ~ 60 °C

Relative work temperature	20% ~ 80%(40°C)
Relative store, transportation humidity	20% ~ 80% (40°C)
atmosphere	86KPa ~ 106KPa
Menu language	Chinese, English
Interface style	Blue, Yellow
Supported operation system	Windows 98 / Me / 2000 / XP / Server2003、 Mac OS 9.0 or above Linux2.4.x or above.

If the NAVIGATION can not work normally, please check as following. If you still can not solve the problem, please contact with our company.

Trouble	Reasons	Solve way
can not power on	without enough battery power	charge
	the battery switch is close	Open the switch
the power is cut off suddenly	without enough battery power	charge
can not display/ the display content is indistinct	the light of the backlight is lower	Reference 7.3, turn up the light
	the backlight close automatically	Click the screen by using the touch pen
without any response when click the button	The regulation of the screen is not good.	Reference 7.6, re-regulate the screen.
without sound when playing	the volume setting is too low	increase the volume
	poor connection of the earphone	insert well the earphone
can not connect with the computer	Poor connection of USB cable	Reference 2.4, connect well with the USB cable

---

without GPS Signal		Depend on that your local satellite signal is strong or weak, it will take 3 minutes to receive the signal
loss the map data		<ol style="list-style-type: none"><li>1. CD includes the map file</li><li>2. contact with agent or dealer</li></ol> re-input the code when using the navigation again.