



Welcome to use our GPS navigator

- Please read the instructions in this manual and use only accessories of CNS Marketing (PTY) Ltd. to avoid unpredicted damage. Failure to follow the instructions will invalidate warranty and might endanger personnel safety, for which CNS Marketing (PTY) Ltd. assumes no responsibility.
- Data of navigation electronic maps might be inconsistent with actual traffic signals due to transportation development. Please follow traffic regulations and signs and drive according to road situation. Operating the GPS navigator device while driving might cause serious accidents. CNS Marketing (PTY) Ltd. assumes no responsibility for accidents and loss due to improper use.
- For information of software update and upgrade, please go to our website www.roadmategps.co.za.
- The pictures in the manual are subject to the material object.

Chapter One Product introduction

1.1 Introduction

Welcome to use the GPS navigator, which is mainly used for navigating and also has the optional function of video playing, audio playing, FM, photo viewing, and Ebook etc.

- ◆ High performance, low-power consumption Samsung S3C2440 CPU;
- ◆ Comfortable user interface: simple, easy to operate;
- ◆ Power management: keep the product to work longer and more steadily;
- ◆ Data transmitting: communicate with computer through USB cable;
- ◆ Excellent in receiving signal: accurate position fixing provides you the satisfied navigating service;
- ◆ Entertainment: MP3 and MP4 function can relieve your fatigue;

You can use it when driving, walking, riding, or waiting for a meeting; the perfect “GPS + entertainment” function can make your life and work more splendid.

1.2 Package

The packing box contains the following accessories, please confirm:

1. GPS navigator
2. Car charger
3. MINI USB cable
4. User’s manual
5. Car bracket
6. Home Charger(Optional Extra)

For the items listed above, please confirm the actual products. If any damage,

Please contact with the distributor or the agent as soon as possible.

Instruction

Please read this user’s manual carefully to be familiar with all the operation details and to make the GPS navigator performs well:

【Remark】: The instruction relates to the theme;

【Relative information】: The extending information relates to the theme;

【Note】: The notes and warnings relate to the theme. Please value and follow these notes, otherwise it will possibly bring damage to you and others.

This user manual only adapts to our GPS navigator products.

Chapter Two Features and specifications

2.1 Main features

- ◆ Operating system: Microsoft Windows CE 5.0;
- ◆ 4.3" TFT LCD display with resolution of 480*272 pixels;
- ◆ Hi-Fi stereo earphone and built-in Hi-Fi speaker, volume adjustable;
- ◆ Button and touch-screen operation;
- ◆ Built-in sensitive GPS antenna;
- ◆ Audio format supported: WAV, MP3, WMA, MID, DAT, ASX;
- ◆ Video format supported: ASF, AVI, WMV, 3GP, MP4, FLV;
- ◆ Photo format supported: BMP, JPG, PNG;
- ◆ Ebook format supported : TXT;
- ◆ MINI USB port;
- ◆ Built-in rechargeable Li-ion battery, which can be powered by travel and car charger.

2.2 Specification

CPU	Samsung S3C2440
SDRAM memory	64M Bytes
Flash memory	4G Bytes
LCD display	4.3" TFT LCD display, Resolution :480RGB(H)x272(V)
Touch-screen	High-accuracy, endurable touch-screen
USB	USB Client 2.0, MINI USB port
SD	SD / MMC slot, the maximum capacity of SD Card supported reaches to 8GB

Audio	A: Built-in high fidelity speaker B: High fidelity stereo earphone
GPS	Cold start: <42s Hot start: <3s(in the open area) Warm start: <36s
Battery	Built-in rechargeable Li-ion battery
Battery Charging port	DC 5V port
AC Charger	100/230V charger, 5V / 1.5A
Car Charger	DC9-24V, 5V / 1.5A
Status of the LCD light	When charging, the red light is on; when charge finished, the blue light is on.
Operating System	Microsoft Windows CE 5.0
Navigation Software	Resident flash
Video Player	ASF, AVI, WMV, 3GP, MP4, FLV;
Audio Player	WAV, MP3, WMA, MID, DAT, ASX;
Photo viewer	E-Album, JPG, GIF, BMP, PNG
Ebook Viewer	TXT
System setting	[FM Transmitter] [Screen adjustment] [Default set] [Volume] [Power] [Backlight] [Time and Date] [Language] [Sys Info]
Temperature	Operating Temperature : 0°C to 60°C Storage Temperature : -20°C to 60°C
Working humidity range	45% to 80%RH
Storage humidity range	30% to 90%RH
Atmospheric pressure	86KPa to 106KPa

This chapter will give an introduction of the apparent components and basic function of the GPS Navigator and it will help you to be familiar with the basic operation quickly.

2.3 Product appearance




Chapter Three Manual Instruction

3.1 Power supply and charge

If this navigator is first used, please use adaptor to fully charge it.

3.1.1 Power supply

There are three types of supplying power: battery, adaptor, USB cable.

GPS navigator uses the Li-battery to supply power when it is not connected with adaptor. The mark  on the up right of interface indicate the current electric volume.

GPS navigator uses the external power when it is connected with the adaptor.

GPS navigator uses the USB cable to supply power when the GPS navigator connects to the PC.

【Remark】 This machine adopt built-in, unchangeable Li-Ion battery. At normal condition (if the back light is not so bright), the actual supply hour can be different because of the different way using the navigator. Some function (audio playing, video

playing, bright back light) will consume a large power, which will reduce the using hour.

【Note】 This machine adopts built-in, unchangeable Li-Ion battery. In order to avoid fire and burning, please do not poke, bump or take it apart or throw it into fire or water.

3.1.2 Use the home charger to supply power (Optional)

When the GPS navigator is first used, please use the AC adaptor to charge it.

1. Connect the DC part of the adaptor with the power interface at the left side of the unit (The power interface is same as USB interface);
2. The other part connect to the power socket, it supplies power while charging.

【Remark】 Red LED indicates it's being charged. Please wait until it is fully charged and don't pull out the adaptor while charging. When it is fully-charged, the LED will turn to Blue. If low battery or no battery, please charge it immediately.

3.1.2 Use the car charger to supply power

1. Connect the DC part of the adaptor with the power interface;
2. The other part connect to the power socket, it supplies power while charging.



【Note】 Please insert the car adaptor after running the car so as not to damage the machine by electricity collision.

3.2 Power on/off

Power on/off is controlled.

3.2.1 Power on:

Please check: The battery is enough, or it is connected to external power source;

Please press the button on the top of the unit to boot.

【Note】 If you bring the unit from one place to another place, please boot until it adapts to the environment. Big humidity fluctuation will make the mainframe short circuited.

3.2.2 Power off

Press the button on the top of the unit to turn off, the unit will enter the power saving mode and maintain the last operation status when boot next time.

3.3 Reset system

If the system cannot work, you can reset the system by the following way:
Click the reset key on the right part of the machine to reset the system by using the stylus.

【relative information】: it can be no response in the following condition:

1. The shift between pictures is delayed or stopped.
2. The program select function cannot work normally, such as long time to carry out or cannot be activated.
3. The power button 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 every other time.

3.4 Use bracket to fix navigator

When use GPS navigator in the car, you should fix the device to the part of window besides the panel by using the bracket.



【Note】 When use the bracket, please take care of the position. Please don't fix the navigator to the position where the driver's sight is being influenced. Please do not lay it aside freely; do not fix it to the air bag, do not lay it on the expand range of the air bag.

3.5 Stylus

The stylus is the tool for you to use your navigator. Please keep it carefully.

1、Single click :

Singly click the screen with the stylus point.

2、Double click:

Double click the screen with the stylus point.

3、Drawing:

Click one point and hold to move on the screen.

【Note】 Any broken stylus, ball pen or any acute and harsh object will destroy the LCD if you use it to operate the device.

3.6 SD/MMC card

The attached SD/MMC card contains the media file. Please insert the card

correctly when using it.



【Note】 Please do not take out the SD/MMC card when the system is playing.

【Note】

1. Don't stress or curve the SD/MMC card, avoid loss and bulge.
2. Avoid high temperature or high humidity when use and store the card, don't expose the card directly to sun light, let the card far away from liquid and corrosive material.
3. Please pay attention to the heading when insert the SD/MMC card. If you insert the card improperly, you will damage the card.

3.7 Connect with computer

The device 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 so as to recover the data in GPS navigator 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 Navigator and the normal end ] with the Host port on computer.



- 3 Please pull out the MINI USB cable after you finished your operation, the GPS navigator will return to the pre-operation interface.

【Note】 Data security: Please copy the data to the outer storage device every time before you update your system data. Our company takes no responsibility to any loss

of data.

【Remark】 The GPS navigator will stop the operation when it is connected with computer.

【Note】 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

Reset the system by using reset button or electric switch



Chapter Four Primary function

4.1 The main interface and the function

4.1.1. Main menu:



4-1

First click the icon  , then Click the top left corner of the interface  , the Desktop will display the date, show in Figure 4-2




4-2



Double-click the date icon enter the date setting interface, show in Figure 4-3



4-3

Click the top left corner of the interface  change the desktop display background, show in Figure 4-4



4-4



Click the left button **Navi** quick access to navigation map



Click the left button **Music** open audio player quick



Click the left button **Desk** rapid deployment desktop application

4.1.2 Function introduction

Navigation	Provide navigation service
Video player	Support ASF, AVI, WMV, 3GP, MP4 and FLV format. Support progress adjust, pause and full screen play
Photo viewer	Support JPG、BMP and PNG format. Support photo rotate, enlarge/shrink pictures, automatic play and so on
Ebook	Text format: txt. Support page selection
Audio player	Audio playing format: WAV, MP3, WMA, MID, DAT, ASX Support random playing, sequential playing, repeat playing, pause, previous/next, volume
Game	Support game
Setting	Brightness, Volume, Languages, Power, Time, System, Default, GPS Info, Navi path.

This chapter will introduce the navigation function and notes.

4.2 Navigation functions and features

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 please refer to the quick start guide of map.

Notes

1. Map information

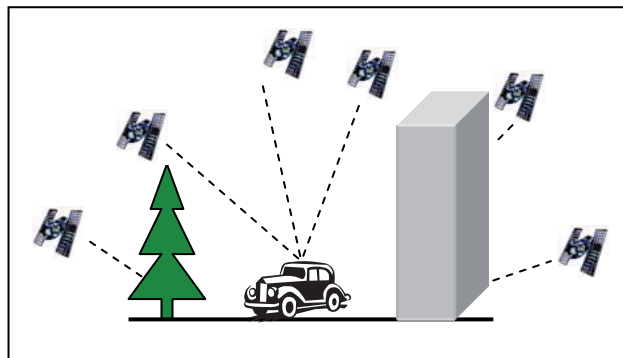
It is probably that the electronic navigation data is not consistent with the real traffic instructions because of the traffic construction development. Please do comply with the highway condition and the actual traffic rules.

2. Navigation

The navigator offers the route for the reference; determine the route by yourself, the driver may be more familiar with the route than GPS navigator.

3. Receiving signal

Many factors such as high, dense buildings (in the tunnel, between the high 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 Video operation Interface

This chapter introduced how to use the GPS navigator with video player.

4.3.1 Functions and features

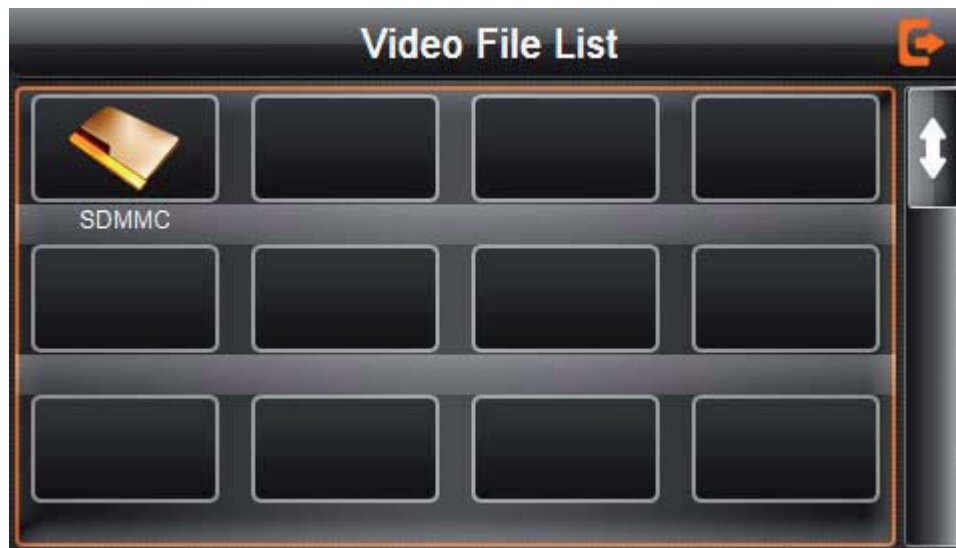
1. Support ASF, AVI, WMV, 3GP, MP4 and FLV
2. Support full-screen playing, progress choosing and file selection;

Before using the Video player, please copy your video file (ASF, AVI, WMV, 3GP, MP4 and FLV) to any folder

4.3.2 Operation:







Single click the Video button to enter the video file list as the picture 4-5



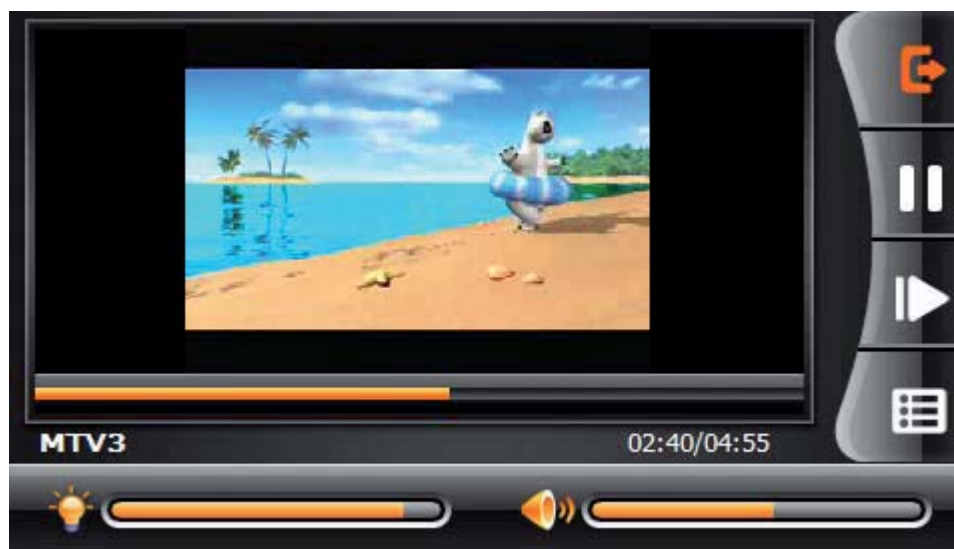
4-5












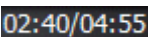
4-6

	Close	Single click to close current file.
	Last	Show last page
	next	Show next page
	Video folder name	Video folder name
	Video name	Show video name

Choose the video to enter the playing interface as 4-7



4-7

	Close	Click to close the video list;
	Play	It shows stop playing. Single click will continue to play.
	Next	Play next video.
	File list	Single click and shift to video file list, and then choose your favorite video.
	Volume	Single click volume. It shows volume is decreased when it shift toward left. While volume is increase when it is shifted toward right.
	Playing progress	Adjust the progress by slide the progress-displaying bar; go left for backwards, go right for forwards;
	Brightness adjust	Adjust brightness with stylus while moving toward left and right. Turn right means turn brighter.
	Play interface	Full screen play. Double click to return normal play status.
	Video name	Show current Video name
	Time	Show the time consumed / The total time of the video

4.4 Audio player operation interface

This chapter introduces how to use the GPS navigator with audio player to play your favorite music, and let it be your personal MP3.

4.4.1 Functions and features

The audio player supports WAV, MP3, WMA, MID, DAT, ASX format, you could set the playing

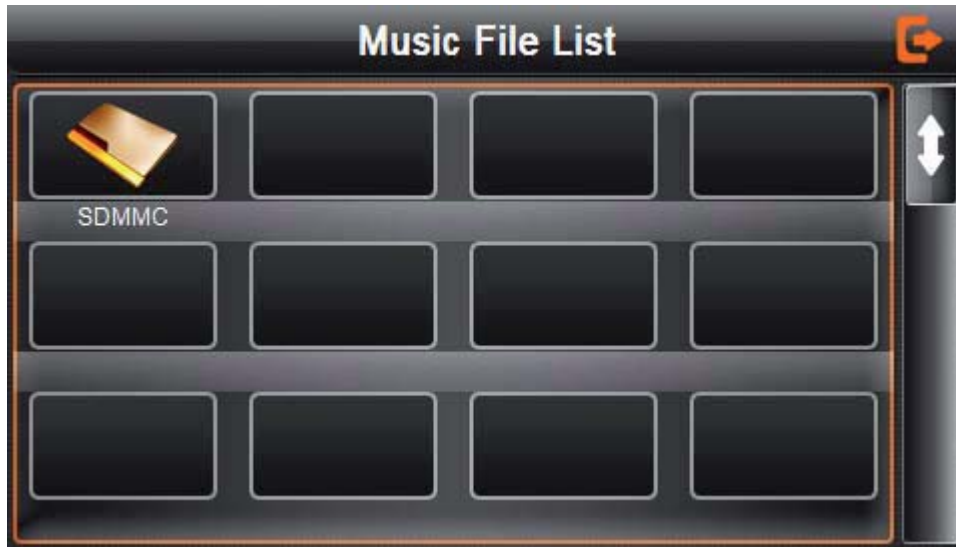
sequence as you wish.

Before using the audio player, please copy the files to any folder.

4.4.2 Operation method



1. Single click the button **Music** to enter Music file list as 4-8






4-8

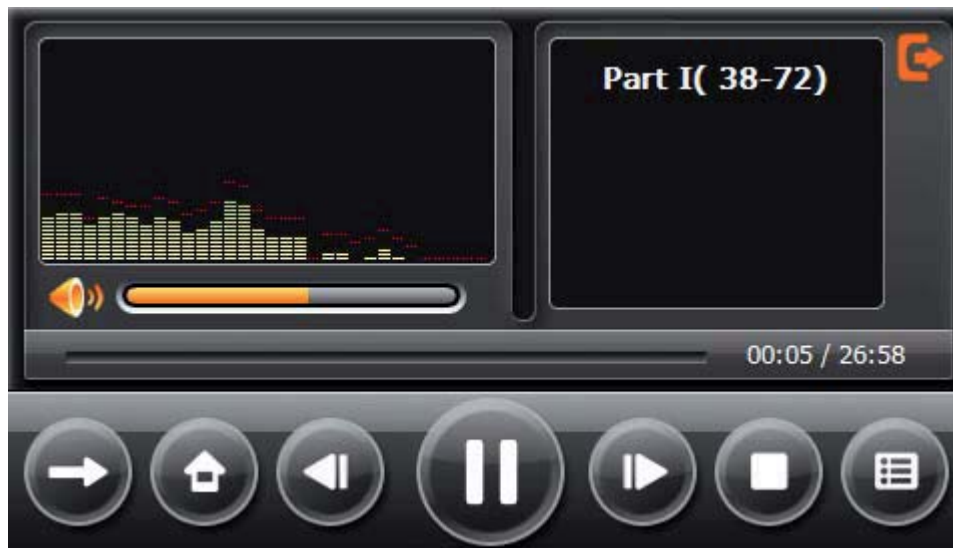


4-9







Function instruction





	Close	Close current file
	Last	Show last page
	next	Show next page;
 Part I(38-72)	Song name	Show song name

Choose the song to enter the playing interface as 4-10



4-10

	Previous song	Play the previous song;
	Play/pause	To play and pause, single click to pause, click again to play continuously;
	Stop	Single click to stop playing;
	Next song	Play the next song;
	Volume	Adjust volume. It shows volume is decreased when it shift toward left. While volume is increase when it is shifted toward right.
	Close	Single click to close the audio player;

	Setting the playing mode	Support sequential playing, loop playing, repeat playing and random playing.
	Open the play list	Single click to display the play list, and choose your favorite as picture 4-22 shows;
	Playing progress	Adjust the progress by slide the progress-displaying bar; go left for backwards, go right for forwards;
Part I(38-72)	Song title	Show the song title
00:05	Time consumption	Show the time progress;
26:58	Total time	Show the total time for playing the song;
	Homepage	

4.5 Photo viewer operation interface

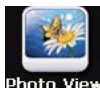
This chapter introduces how to use the photo viewer to browse pictures.

4.5.1 Function features:

1. Supports JPG、BMP and PNG
2. Support picture rotate, picture enlarge/shrink and automatic play.

Before using the photo viewer, please copy your photos to any folder.

4.5.2 Operation method





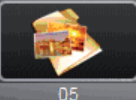
Single click the button **Photo View** to open the photo list as picture 4-11



4-11












4-12

	Close	Click to close the photo list;
	Last page	Show the last page
	Next page	Show the next page
	File	Single click to enter the photo file;

Choose the picture to enter play interface as 4-12



4-13

	Close	Click to close the viewer
	Shrink	Shrink current picture in proportion
	Enlarge	Enlarge current picture in proportion
	Previous	Show the previous picture
	Next	Show the next picture
	File list	Single click and shift to video file list, and then choose your favorite picture
	Rotate	Click to rotate the picture by 90 degree
	Automatic Play	Play all the pictures circularly on full screen from the current picture
	Photo name and format	Show the photo name and format

4.6 Ebook reader interface and operation

This chapter introduces how to use GPS navigator to read Ebook.

4.6.1 Function

1. Support TXT
2. Support turning over page, page browse, and file choosing.

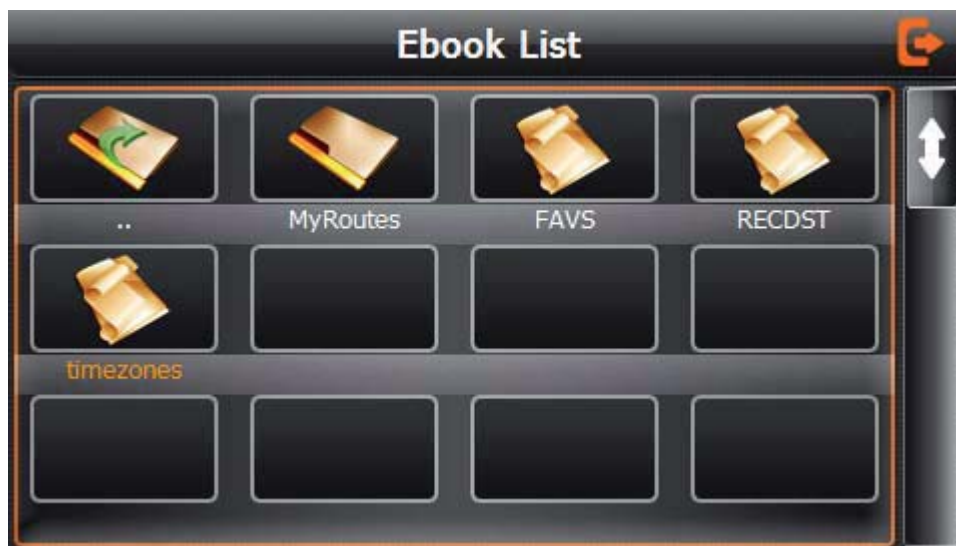
Before using Ebook function, please copy your TXT file and save it to any folder.

4.6.2 Operation




single click button  to enter Ebook list as 4-14



4-14











4-15

	Close	Click to close current file
	Last page	Show the last page;
	Next page	Show the next page;
	Name of file	Show name of file

1. Choose file name to enter Ebook reader as 4-16


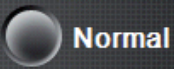




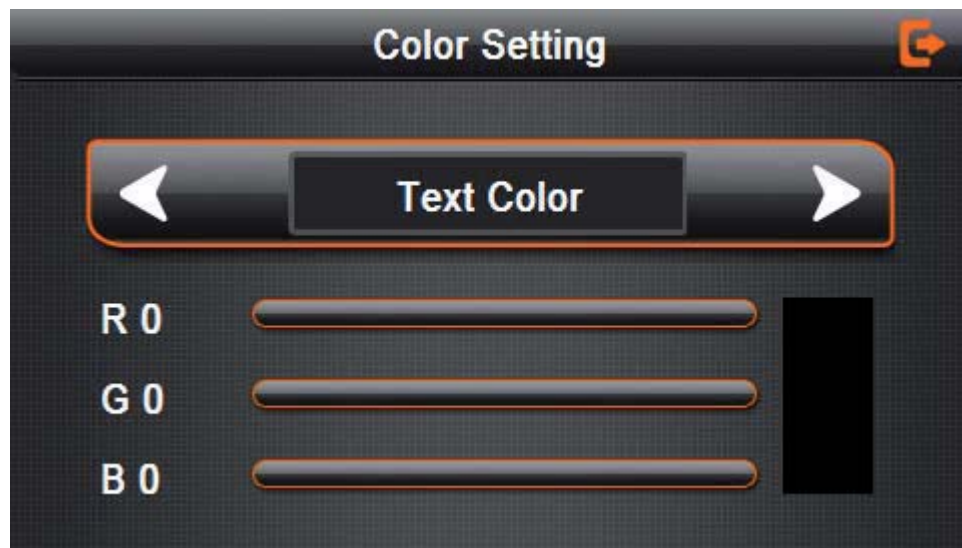
4-16

	Close	Single click and close Ebook reader
	Last page	Read last page
	Next page	Read next page
	File	Single click to enter Ebook list to choose favorite book
	Font set	As 4-17
	Color set	As 4-18
	Add book mark	It needs open Ebook and choose TXT.
	Open book mark list	As 4-19




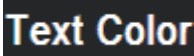



4-17 Font set interface

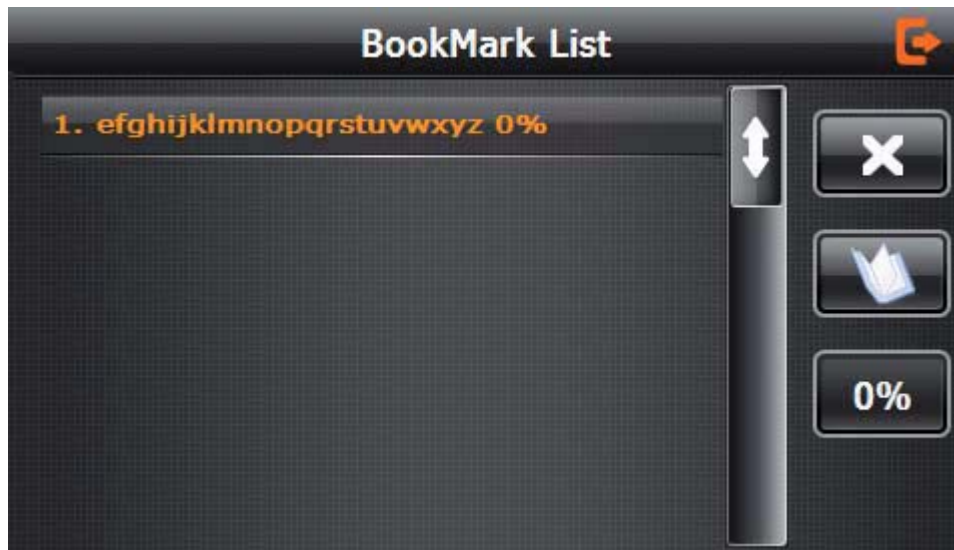
 Bold	Set font as bold
 Normal	Set font as normal
	Decrease font size
12	Font size indicator
	Increase font size



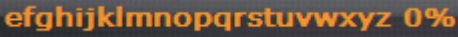




4-18

	Set color RGB
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	Choose background color, font color or set background color
	Choose background color, font color or set background color with reverse order or sequential order
	Color review
	Return to Ebook homepage



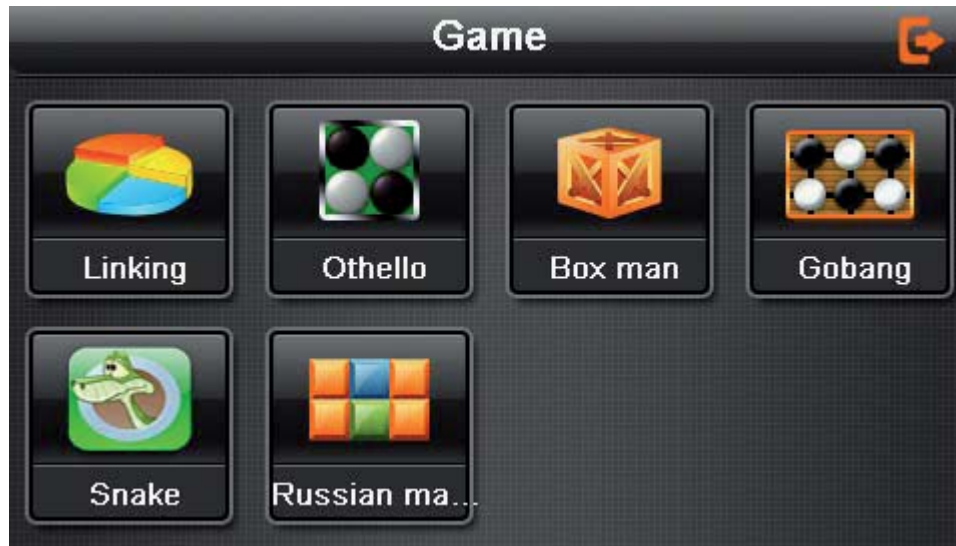
4-19

	Single click and choose book mark
	Return Ebook interface
	Rolling book mark list
	Return Ebook homepage.
	Showing current reading ratio

4.7 Game interface and operation



Single click **Game** to choose different games as 4-20:



4-20

4.8 Unit Conversion



Single click **Unit tools** into Unit conversion interface as shown 4-21:



4-21

4.9 Calculator



Single click **Calculator** into the calculator interface as shown 4-22:

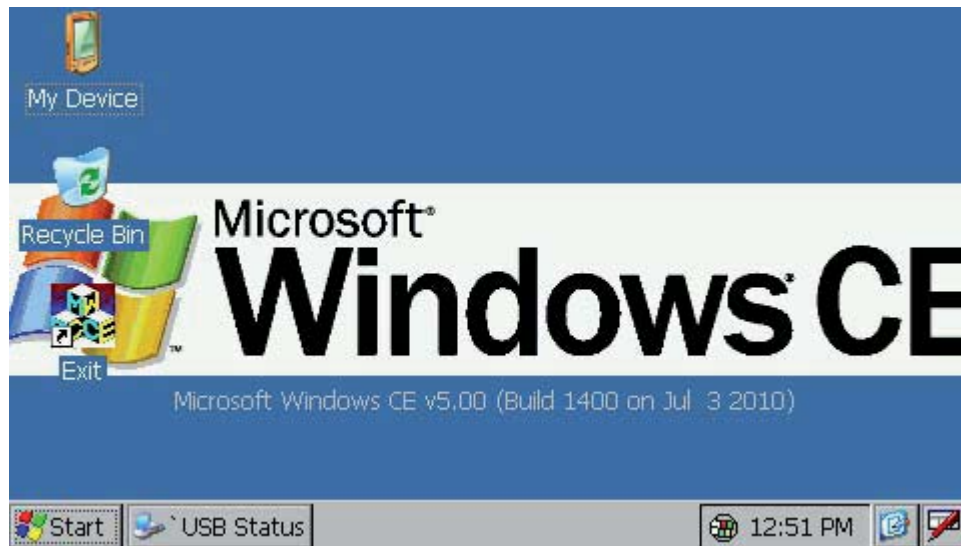


4-22

4.10 Wince



Single click **Wince** into the computer interface as shown 4-23:



4-23

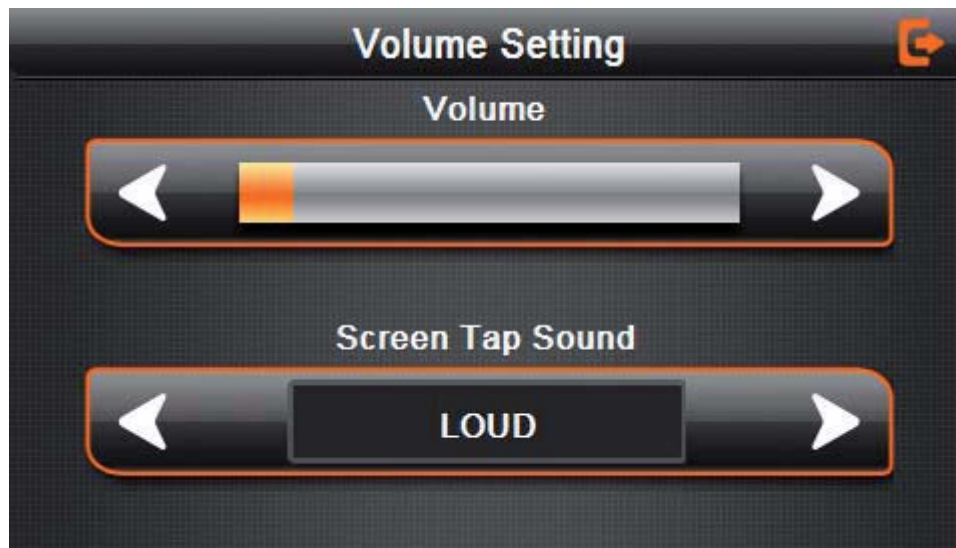
4.11 Volume adjust







Single click  into the volume adjust interface as shown 4-24:




“Volume adjustment” includes:

1. Speaker volume adjustment
2. “Screen click tone” setting.



4-24

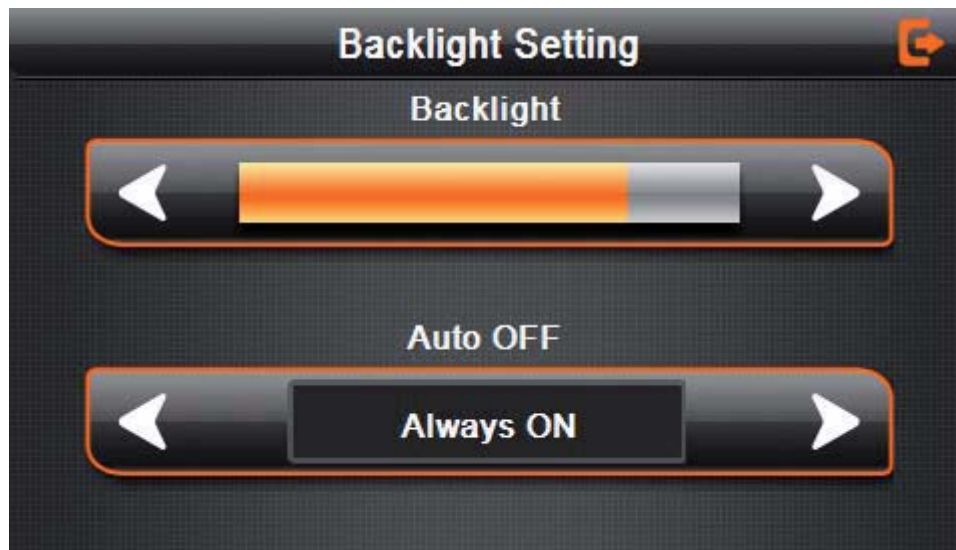
	Close	Exit “volume setting” interface;
	Volume -	Single click to decrease the volume gradually; there are 10 ranks for volume from mute to maximum. Single click will decrease one rank.
	Volume +	Single click to increase the volume gradually; there are 10 ranks for volume from mute to maximum. Single click will increase one rank.
	Click the screen tone	By clicking the left/right shift button to set the on/off key tone, with loud, soft, and off the three states;

	Turn left	Turn on/ off screen click tone;
	Turn right	Turn on/ off the screen click tone;
	Present volume	Yellow blanks shows the present volume level;






4.12 Backlight setting





Single click **Backlight** to enter backlight setting interface as 4-25;



4-25

	Close	Exit “backlight setting” interface;
	Brightness decrease	Click to decrease backlight gradually to the lowest level;
	Brightness increase	Click to increase backlight gradually to the highest level
	Present Brightness	Red blank shows the present brightness
	Shift left	Single click and it will shift left, and it will show last column. This display is in circle.

	Shift right	Single click and it will shift right and it will show last column. This display is in circle.
	Time interval	System backlight will be closed automatically when no operation for a period time to save power. There are several time interval choice for you: never, 3 min, 2min, 1min, 30second later, 10second later.

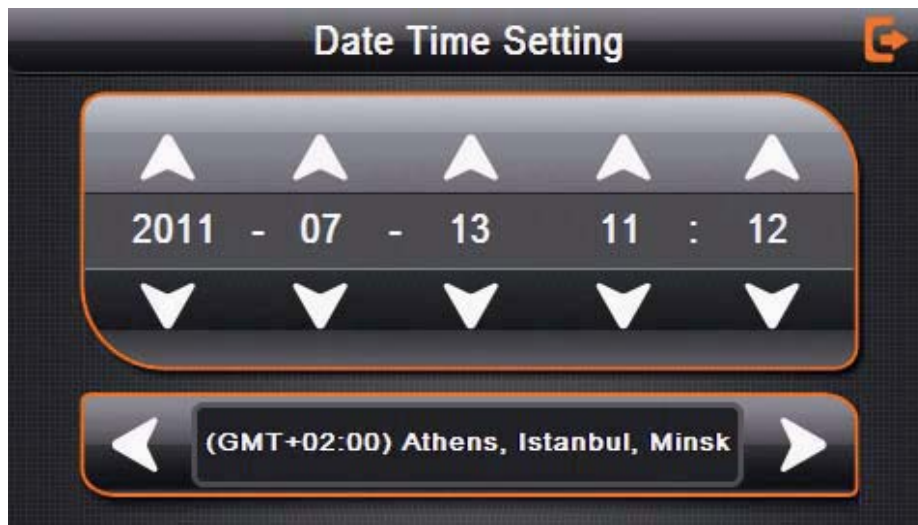
4.13 Date and time setting



Single click **Date Time** into the date time interface as shown 4-26:

Date and time include:


1. System time set;
2. System date set;
3. System time zone set.



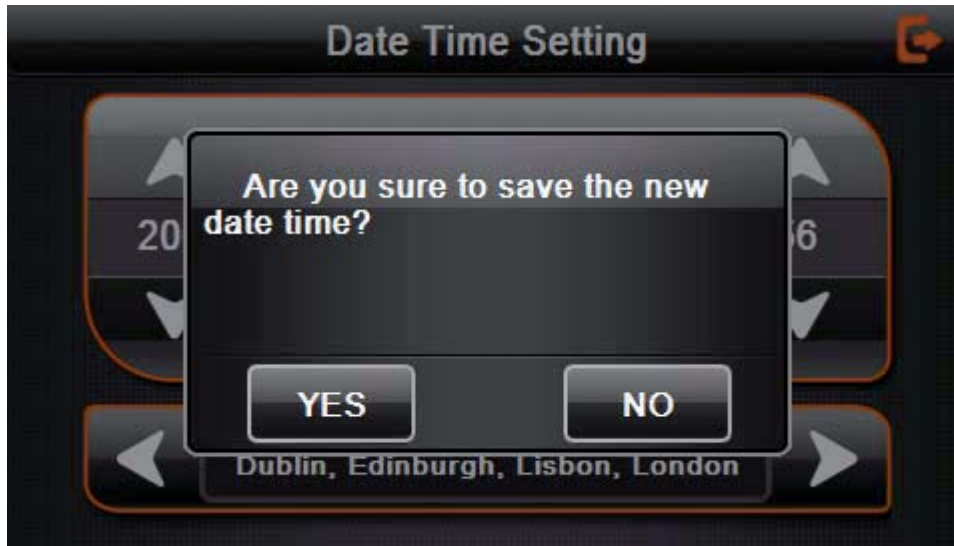
4-26

1. Single click button  or  to set time and date.

2. Single  or  to choose time area.

Click  to exit current interface after setting, and then it will show as 4-44. Choose **YES** or

Click **NO** to exit current interface.



4-27

4.14 Screen Calibration



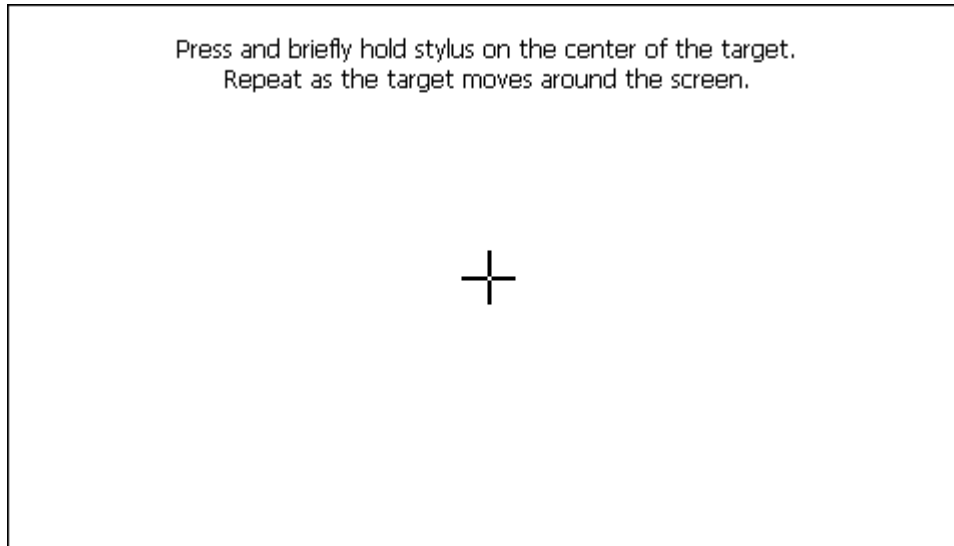
Click the **Calibration** to enter the screen calibration as 4-28.



4-28

Click **YES** it will move from in the sequence of the center, left up, left down, right down and right up till the calibration succeed, then click any where on the screen to save the calibration and exit to the main interface automatically. If not save the

information, please wait 30 seconds and it will exit from current interface automatically.



4-29

4.15 FM Transmitter



Single click  to enter the FM setting as 4-30



4-30

FM Transmitter will send out the audio signal to the radio devices. Take 86.7MHz frequency for example, both the transmitting frequency and the received frequency of the radio should be 86.7MHz, then all the sounds of the GPS navigator will be input

through the amplifier system of the radio.

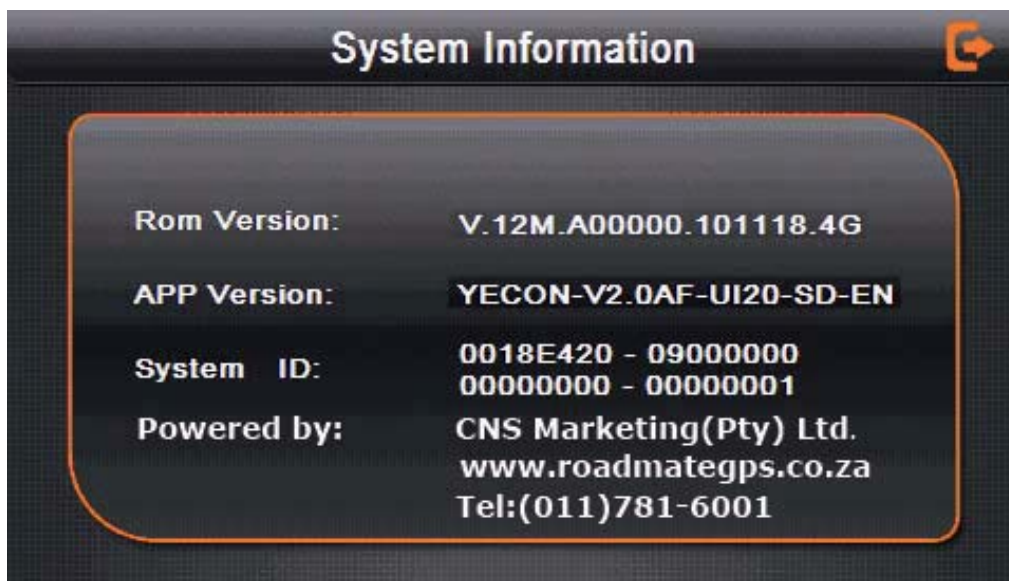
4.16 System information



Click the **Sys Info** to enter the System information as 4-31:

System information includes:

1. Firmware version;
2. APP version;
3. System ID;
4. Company information



4-31

	Exit system information
Rom Version	Show ROM version
APP Version	Show the APP version;
System ID	Show the system ID.
Powered by:	Show company information

4.17 Language setting



Single click **Language** into the language settings interface as shown 4-32, Language setting including:

System prompt language selection;



4-32

Single click language column to do language choose.

4.18 Navigation path



Click the **Navi Path** set the interface into navigation path , set the default navigation paths as shown in Figure 4-33:



4-33

4.19 Default set



Single click **RestoreS...** to enter the default setting as 4-34:



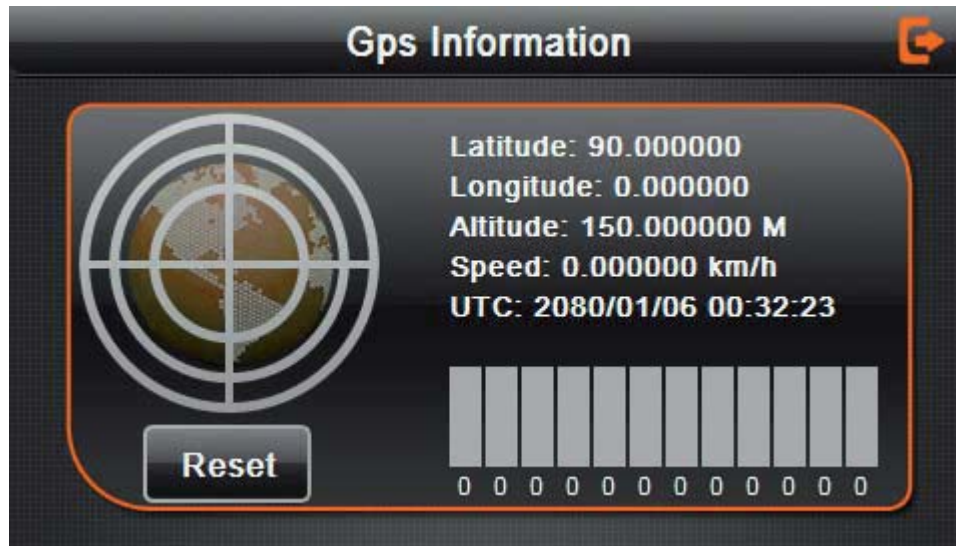
4-34

Single click **YES** to restore the default settings, single click **NO** to exit the default settings.

4.20 GPS Information



click the button **GpsInfo** and enter GPS information interface as 4-35;



4-35

Chapter Five Simple Problem shooting and maintenance

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

Reason	Reason	Solution
Can not turn on the navigator	Lack of power	Charge the battery
The device turn off suddenly	Low battery	Charge the battery
Can not display clearly	The back light is not bright enough	Adjust the backlight
	The back light has been turned off	Click the LCD; the screen will turn bright again.

No response when clicking the button	The touch-screen is not calibrated	Calibrate the touch-screen
Without sound	The volume is at the lowest condition	Increase the volume
	The earphone is not connected well	Connect the earphone
Can not communicate with computer	The USB cable is not connected well	Connect USB cable
No signal		The signal is weak, it need more than 3 minutes to receive the signal
The map data is lost		Contact your agent or distributor

Maintenance of GPS navigator

GPS navigator will be a reliable navigation and entertainment companion if protected by right methods. Please follow the instructions below to ensure your GPS NAVIGATOR run smoothly for a long time.

Protect screen: Don't press the screen with strength or you will destroy it. Please use the stylus to operate the navigator and spray a little glass cleaner on the soft cloth to clean the screen, don't spray on the screen directly.

【Note】 Be sure to turn off the GPS navigator before cleaning.

√ Drop or strike will cause damage to high-precision components.

【Note】 Accidental damage is beyond our responsibilities.

√ Don't use it under such environment: Temperature change abruptly (high temperature above 60°, low temperature under-10°), high voltage, dusty, electrostatic interference, avoid any corrosive liquid and dip into any liquid.

√ Avoid radiated interference: The radiated interference from other electronic products will affect the display and it will be normal after suppressing the interference source.

【Note】 If you carry the unit by air, please put the GPS Navigator together with your luggage to pass the X-ray detection system. Avoid scanning by the magnetic head detector (at the passage used for passing) or the magnetic bar (held by the security checker), or it will destroy the system date in the unit. We will take no responsibility for it.

✓ Avoid direct, intense light: Don't use the GPS navigator in high light and ultraviolet radiation in order to increase the using life..

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