Welcome to use our GPS navigator

- We reserve the final explanation right on this User’s Manual.
- Specifications are subject to change without notice. Sorry for any inconvenience caused!
- Please make a copy of the important data. We assume no responsibility for the data loss.
- This manual has been carefully checked. Please contact our service center when any typing mistake is found.
- Please read the operating instruction carefully and use the accessories only provided by the original factory to avoid any unexpected damage. No warranty will be executed if you are not following the instruction or connecting with the incompatible accessories, we assume no responsibility for any loss and damage caused hereby.
- The electronic navigation data may be not in conformity with the actual transporting marks due to the traffic construction development. Please be sure to comply with the real road condition and follow the traffic rules. Operating and viewing the GPS during driving may cause severe traffic accident. Our company will not be responsible for any loss caused by the unexpected accident.
- Users can update and upgrade software from website at his/her option.
- Any discrepancy between the pictures with real products hereinafter, the real one prevails.

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, Bluetooth hands free, FM, Bluetooth, photo viewing, and E-Book etc.
- High performance, low-power consumption MediaTek MT3351 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;
- Compatible with Bluetooth mobile: the navigator can also be used for making and answering call with hands-free (Optional);
- 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.Travel Charger
3.Car charger
4.MINI USB cable
5.Earphone
6.User’s manual
7.Protecting cover
8.Car bracket
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;
- Hi-Fi stereo earphone and built-in Hi-Fi speaker, volume adjustable;
- Button and touch-screen operation;
- Built-in sensitive GPS antenna;
- The navigating software could run the SD card directly;
- Video format supported: ASF, AVI, WMV, 3GP, MP4, FLV;
- Photo format supported: BMP, JPG, PNG;
- E-book format supported: TXT;
- Built-in rechargeable Li-battery which can be powered by travel and car charger.

2.2 Specification

<table>
<thead>
<tr>
<th>CPU</th>
<th>MediaTek MT3351</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash memory</td>
<td>128 MB/2G/4G</td>
</tr>
<tr>
<td>EMS memory</td>
<td>64 MB/128MB</td>
</tr>
<tr>
<td>LCD display</td>
<td>4.3” or 5”, 6” or 7” TFT LCD display, Resolution: 480(H)*272(V) or 800(H)*480(V)</td>
</tr>
<tr>
<td>Touch-screen</td>
<td>High-accuracy, endurable touch-screen</td>
</tr>
<tr>
<td>USB</td>
<td>USB Client 2.0, MINI USB port</td>
</tr>
<tr>
<td>SD/TF</td>
<td>SD/MMC slot, the maximum capacity of SD/TF Card supported reaches to 8GB</td>
</tr>
<tr>
<td>Audio</td>
<td>A: Built-in high fidelity speaker</td>
</tr>
<tr>
<td></td>
<td>B: High fidelity stereo earphone</td>
</tr>
<tr>
<td>GPS</td>
<td>Cold start: &lt;42s</td>
</tr>
<tr>
<td></td>
<td>Hot start: &lt;3s(in the open area)</td>
</tr>
<tr>
<td></td>
<td>Warm start: &lt;36s</td>
</tr>
<tr>
<td>Battery</td>
<td>Built-in rechargeable Li-battery</td>
</tr>
<tr>
<td>Battery Charging port</td>
<td>DC 5V port</td>
</tr>
<tr>
<td>AC Charger</td>
<td>100/230V charger, 5V / 1.5A</td>
</tr>
<tr>
<td>Car Charger</td>
<td>DC9-24V, 5V / 1.5A</td>
</tr>
</tbody>
</table>

Status of the LCD light

<table>
<thead>
<tr>
<th>Status of the LCD light</th>
<th>When charging, the red light is on; when charge finished, the blue light is on.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System</td>
<td>Microsoft Windows CE 5.0</td>
</tr>
<tr>
<td>Navigation Software</td>
<td>SD or TF card</td>
</tr>
<tr>
<td>Video Player</td>
<td>ASF, AVI, WMV, 3GP, MP4, FLV</td>
</tr>
<tr>
<td>Audio Player</td>
<td>MP3 and WMA</td>
</tr>
<tr>
<td>Photo viewer</td>
<td>E-Album, JPG, GIF, BMP, PNG</td>
</tr>
<tr>
<td>E-Book Viewer</td>
<td>TXT</td>
</tr>
<tr>
<td>System setting</td>
<td>[FM Transmitter] [Screen adjustment] [Default set] [Volume] [Power] [Backlight] [Time and Date] [Language] [Sys Info]</td>
</tr>
<tr>
<td>Temperature</td>
<td>Operating Temperature: 0°C to 60°C Jerseys Temperature: -20°C to 60°C</td>
</tr>
<tr>
<td>Working humidity range</td>
<td>45% to 80%RH</td>
</tr>
<tr>
<td>Storage humidity range</td>
<td>30% to 90%RH</td>
</tr>
<tr>
<td>Atmospheric pressure</td>
<td>86KPa to 106KPa</td>
</tr>
</tbody>
</table>

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.
Chapter Three  Manual Instruction

3.1 Power supply and charge
If this navigator is first used, please use AV 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 connects to the PC.

[Remark] This machine adopt built-in, unchangeable Lithium 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 Lithium 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 travel charger to supply power
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.

3.1.3 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 bring the unit form 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 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 navigation software, map data and media file. Please insert the card correctly when use it.
【Note】Please do not take out the SD/MMC card when the system is navigating or 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 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 device and the normal end [ ]with the Host port on computer.
3. After connecting, the screen will display the interface as below:

4. 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
3). 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

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

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 Bluetooth setting and Instructions:
This chapter introduces how to use this navigator’s Bluetooth to connect with cell phone for call making and answering.

Operation method
4.3.1 Single click the button in main menu to open the Bluetooth interface as the following picture:

4.3.2 Single click the button and open Bluetooth setting as the following picture:

4.3.3 Single click button you will get the following two pictures: the one is in searching and the next one is the searching result.
Single click the device you want to connect and click to pair as the following pictures:

![Password](image)

After successful pairing and connecting, it will show the following picture:

![Phonebook](image)

4.3.4 Click the button to open the phone book interface as 4-10

![Phonebook](image)

Single click and enter phone book as 4-11

![Call history](image)

4.3.5 Single click the button to open call history as 4-12

![Call history](image)

4.3.6 Single click the button to open dial pad as 4-13

![Dial pad](image)
4.3.7 Single click the button 📞 and then it will be in dialing as 4-14

![Image](4-14)

4.3.8 If there is an incoming call, it will show the caller ID and its number as 4-15

![Image](4-15)

4.3.9 Single click 🔔 and it will display connected. You can talk with each other as 4-16

![Image](4-16)

4.3.10 Single click the button 📞 as 4-17

![Image](4-17)

4.3.11 Single message button 📨 to download SMS of paired phone as 4-18

![Image](4-18)

Single click the button 📞 to enter the following interface as 4-19

![Image](4-19)
4.4 Audio player operation interface
This chapter introduces how to use the GPS video player to play your favorite music, and let it be your personal MP3.
The audio player supports MP3 and WAV format, you could set the playing sequence as you wish.
Before using the audio player, please copy the files to any folder.

4.5 Video operation Interface
This chapter introduced how to use the GPS video player.
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.

4.6 Photo viewer operation interface
This chapter introduces how to use the photo viewer to browse pictures.
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.

4.7 E-book reader interface and operation
This chapter introduces how to use GPS to read e-book.
1. Support TXT
2. Support turning over page, page browse, and file choosing.
Before using e-book function, please copy your TXT file and save it to any folder.

4.8 Game interface and operation
Single click \[\text{button}\] to choose different games as 4-20

4.9 Tool
Single click \[\text{button}\] to choose different tools as 4-21

4.10 System setting Interface and operation
Click \[\text{button}\] to enter “Setting” menu, then you can set the relevant functions.
There are backlights, volume, languages, FM, time, calibration, system info and default etc.
4.10.1 Backlight setting

Single click to enter backlight setting interface as 4-23

![Backlight Setting Interface]

4-23

4.10.2 Volume adjust

"Volume adjustment" includes:
1. Speaker volume adjustment
2. "Screen click tone" setting

![Volume Setting Interface]

4-24

4.10.3 FM Transmitter

Single click to enter the FM setting as 4-25

![FM Transmitter Interface]

4-25

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

4.10.4 Navigation path

Set navigation path as 4-26

![Navigation Path Setting Interface]

4-26

4.10.5 Date and time setting:

Date and time include:
1. System time set;
2. System date set;

![Date Time Setting Interface]

4-27
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 4-28.
Choose YES or NO to exit current interface.

4.10.6 Screen Calibration
Click the  to enter the screen calibration as 4-28

![Screen Calibration Image](4-28)

Click  it will move from 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.

![Screen Calibration Instructions](4-29)

Single click your favorite language and then exit.

4.10.7 GPS Information
Single click the button and enter GPS information interface as 4-30

![GPS Information](4-30)

4.11 ISDB-T (Optional)
Click the “TV” icon in Function Menu to enter figure 1

![ISDB-T Icon](4-30)

Click “Continue” to enter the TV channels broadcast interface, then click button to enter settings interface. The channel options interface is shown in figure 4-32

![ISDB-T Options](4-32)
Click the button “scan” to enter the scanning channels interface as figure 4-33

Select the TV channel you search for to enter the broadcast interface as figure 4-34

4.12 DUN web (Optional)

4.13 GPRS (Optional)
- CPU: Media Tek MT3351
- LCD display: 5” TFT
- System: Wind CE 5.0
- Dual-band GSM/GPRS EGSM900MHZ/GSM1800MHZ
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.

<table>
<thead>
<tr>
<th>Reason</th>
<th>Reason</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can not turn on the navigator</td>
<td>Lack of power</td>
<td>Charge the battery</td>
</tr>
<tr>
<td>The device turn off suddenly</td>
<td>Low battery</td>
<td>Charge the battery</td>
</tr>
<tr>
<td>Can not display clearly</td>
<td>The back light is not bright enough</td>
<td>Adjust the backlight</td>
</tr>
<tr>
<td></td>
<td>The back light has been turned off</td>
<td>Click the LCD; the screen will turn bright again.</td>
</tr>
<tr>
<td>No response when clicking the button</td>
<td>The touch-screen is not calibrated</td>
<td>Calibrate the touch-screen</td>
</tr>
<tr>
<td>Without sound</td>
<td>The volume is at the lowest condition</td>
<td>Increase the volume</td>
</tr>
<tr>
<td></td>
<td>The earphone is not connected well</td>
<td>Connect the earphone</td>
</tr>
<tr>
<td>Can not communicate with computer</td>
<td>The USB cable is not connected well</td>
<td>Connect USB cable</td>
</tr>
<tr>
<td>No signal</td>
<td>The signal is weak, it need more than 3 minutes to receive the signal</td>
<td>Contact your agent or distributor</td>
</tr>
</tbody>
</table>

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 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 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.