Please read this manual before you start using this device

1. Thanks for purchasing our product. Please read this manual carefully before starting to use this device. When you use this device, you are supposed to learn well of this product.

2. The information in this manual has been verified for its accuracy. But no liability will be applied for the correctness of mapping data of navigation, technical and/or editorial interpretation or illustration, or the printing and translation of this manual, nor liable for any consequence or incidental damages caused by using this manual.

3. This device is a complicated technical product consisting of OS and third-party software. The manufacturer has paid sufficient attention to and fulfill its duty in its hardware manufacture processing and in development and/or application of the software so as to ensure the device work properly. If there is any malfunction or defective of the device, the manufacturer will provide a warranty for the congenital quality problem, but not covering for any loss or damage of property, or any consequence caused by or related to using this device.

4. The navigation software and mapping data is provided by a third party. Its copyright is protected by laws. A User can only use on this device, any copying or application of the software for other purpose is not allowed.

5. No explicit and/or implicit guarantee or assurance will be applicable for the validity, integrity, correctness, accuracy of mapping data for navigation used on this device, nor liability for any loss, damage, and/or any consequence caused by or related to defective mapping data or software used on this device.

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General tips for GPS application

The following content is tips for GPS device application and operation. Please read it before starting use of the GPS device, so that you may make a better use of the GPS device.

① While the GPS device is working, it receives signal from satellites for positioning. The signal from satellite may not be received, or be weakened in room, nearby some big buildings, or under overhead bridges.

② When the GPS device is receiving satellite signals, you will get signals from different satellites when you are in different places, this is called "Satellite Path", a "Satellite Path" only covers a range of 300 KM. If a "Satellite Path" is defined at place A, then turn off the device and move to another place beyond 300 KM away from A, the device is under another "Satellite Path". At this moment, the device needs to search for satellite signal again. To track the new "Satellite Path", this will take quite a long time. To save time for this searching, you may click "GPS Reset" button in menu of "GPS Testing" to clear the previous "Satellite Path".

③ It will be difficult and taking more time to catch positioning signal from satellite during high speed driving. It is suggested to search the positioning signal by stopping your car for a better and safer effect.

④ While charging the device, please only use the travel charger or car charger equipped by the manufacturer in its original package. Other chargers may cause damage to this device, and this damage is not covered by our warranty.
Function Description

Features:
1. Ultra large, high-definition, and true color display, touch screen operations with handwriting input.
2. Professional portable navigation system, interface design of car electronic products, changeable theme interface, and convenient operations.
3. Most popular Windows OS, World class CPU
4. SD card of extensible capacity for mapping data, MP4 video, MP3 music, Photo, and personal files
5. Map for major large and medium scale cities, detailed mapping data, real voice guidance, automatic smooth switching
6. Built-in high sensitive GPS receiving module and antenna, Faster GPS signal receiving and More accurate positioning
7. Prompt and accurate positioning applicable for GPS data collection, e.g. Area measuring
8. Prompt response for both cold and warm start; Re-capture of GPS signal just in 1 second on average, Accuracy of positioning: no more than 10 meters; Accuracy of timing: no more than 1 microsecond
9. Embedded Organizer/Calendar, personalized friendly touch panel handwriting control, record and plan personal schedule
10. Multimedia entertainment: Flash display, MP3 music, MP4 video, Photo viewing
11. Scientific calculation: embedded calculator, a good business assistant
12. The FM transmitter designed for use in a car with car stereo is not controlled with volume of the device.
13. Personalized function setting: Language selection, Backlight brightness adjustment; Power management, Coordination calibration
14. A user friendly feature is GPS "hold On". With this feature, you may use the device for other applications, like music, e-Book, except for Flash, by pressing Return button on the device to switch GPS application to background and keep it running without exiting from GPS application during the same time.

Warnings:
1. Please install the device in a right way to avoid driver's sight and airbag to be hindered. Any loss or damage of product, passengers, or other property caused by mistakes of mounting or installing of the device will be not covered within the warranty and not be the responsibility of the manufacturer.
2. Please not put on earphone and operate the device when you drive or ride a bike to ensure your safety.
3. Please consult with airline crew for application of the device if you want to use it during flight.
4. Please keep the device far away from strong magnetic field which may cause damage or malfunction to the device.
5. Please protect the device from being dropped, shocked or scratched on or by hard objects to avoid possible damages (scratches on the device face, loose contact of the battery, data loss or other hardware part broken) to the device.
6. Please not use earphone with a continuous and large volume for long time, set the volume at a moderate loudness and use it not for a long time to avoid possible damage to your ear audibility.
7. Please not use chemical solution or cleaner to clean the device to avoid possible damage to the paint and polish of its surface.
8. When the device is used as a mobile storage device, please follow right procedures of file management operation to copy or transfer files. The warranty does not cover any mistake, or damage, or loss of files.
9. It will be better for you to make a backup copy of your personal files in the device into your PC or laptop in time.
10. It is prohibited to use higher voltage power supply, to bend or squeeze the power cord with big force so as to avoid possible damage and overheat resulting in fire.
11. Never use wet hands to pull out or plug in the power plug to avoid possible electric shock.
12. Not use the device in an environment over 60°C, or below -10°C, and with high humidity as well.
13. The content of this manual is subject to definition, or interpretation, or modification from time to time for improvement on features and function without prior notice.
**Function Description**

**System UI (Green background)**

In this interface, click a small icon to switch to the corresponding page. Then, click the arrow on the bottom to enter the page. On the right bottom of the page, there will be an animation effect when turning to the next page.

Two kinds of language setup are available. To change the theme, change it in the language setup under the system setup.
Battery

Battery Status Icon:

* * * * * * * * * * * * * * * * * 

Full → Drained

⚠️ When the battery is at low power level, please charge it immediately to ensure the device work normally

🔥 Charging:

⚠️ Warnings for charging:
1. A new battery may be empty and not charged before you get the device.
2. To achieve the best performance of the battery, it is better to charge it up to 8 hours in the first three times, but not over 16 hours.
3. In normal charging with DC charger, please make sure to charge it for 2 - 2.5 hours to get it fully charged.

🔥 A new battery will reach its best performance after a number of cycles of charging and discharging.

⚠️ If the device is not used for long time, it is better to charge it to full capacity every 2 or 3 months during storage.

⚠️ If not using the device for a long time, it is wise to take out the battery.

👉 Charger Application:

- DC Charger:
  Take out the DC charger, plug it into the wall outlet with AC 220V(100V -240V), then plug in the DC jack into the device DC-in jack (see the illustration below).

- Car Lighter Charger:
  Please insert the car charger into car cigarette lighter jack, then plug into the USB jack (see the illustration below).

When you use car charger, please start car engine first, then connect it to the device to avoid possible damage to the device due to overloaded pulse current during ignition.

Please pull it out when you stop the engine, and plug it in again after next ignition.
**Power On/Off the device**

**Power On the device**
In power off status, slide the power switch to "ON" position to turn on the device, then the OSD will be displayed on screen.

**Sleeping & Power off**
In power-on mode, press the power button on the device for 3-5 seconds then the sleeping mode or confirmation for power-off screen will display as follows:

The device will be power off in
20 s

In this UI click the button □ will be in sleeping mode, click the button □ will power off; click the button □ to exit the UI and back to normal operation.

**Waking-up from the sleeping**
When in sleeping mode, a short press on the power-on button of the device will wake up the system.

⚠️ When in sleeping mode, all the procedure in operation will pause but will back to normal status after waking up.

---

**Function & Operation**

**CMMB Mobile TV**
CMMB, short for China Mobile Multimedia Broadcasting, is specialized in the small screen handheld terminals including MP4, mobile phone, GPS, USB receiver, and standalone receiver, providing services of DVB-T programs, integrated information, and emergency broadcasting, which realizes the overall coverage of satellite transmission and the ground network. Use the self-intellectual mobile multimedia broadcasting technology, the system can be operated, maintained, and managed. Broadcasting and double-direction services are available. The CMMB supports the operating system of combining the central and local operations, and with the encrypted entitled control and management system. Besides, it also supports the united standards and operation, and the countrywide roaming.

**Operating method:**

Click icon in the system main interface to enter the CMMB player.
A dialogue box appears when entering, which indicates "All other programs will be closed when CMMB is used". Click "OK" to enter the player. The screen is shown as follows:

The system searches the channel automatically when it enters the player, and saves the searched radio channels in the preset channel list on the right side.
In the following interface:

* Click the button to search the channels again and save them in the preset channel list for convenient watching. Click or to adjust the volume, and click the button to turn the device to the mute mode, then, the button is changed to . Click the button to resume the volume. Click the button to play the video in full height screen, and the button to play in full width screen. In full screen playing, click the next program to return to normal play.

**Picture-in-Picture (Optional Function)**

Under normal playing status, click the button to fulfill "Picture-in-Picture" function. At this moment, only the present screen will appear, the other icons will be hindered. The display is as follow:

In this UI, the playing screen will show the video picture at the proportion of 3:4. Pressing the right corner of the video picture then drag it to minimize the proportion of the picture. If you press other places of the picture, you can drag it on the screen as you wish. Under Picture-in-Picture state, you can watch mobile TV while playing game or setting up other functions. Since the size of the video can be changed and moved, functions will not interfere with each other.

**Preset channel list**

In the preset channel list, click or button to turn the page to view the saved channels, and click the channel below directly to start playing.

**Channel List**

In the saved channel list, click the button to view the saved channels, and the button will change to , click it to exit the channel list.

**Exit the mobile TV play**

Click the button on the right top of the screen when playing CMMB mobile TV to close the playing.
Function & Operation

FLASH Play

This is for Flash file playing.

Operation:
On system main menu, click icon, to get into Flash playing mode, then file selection UI will be shown on screen:

<table>
<thead>
<tr>
<th>Flash file 1.wmv</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash file 2.wmv</td>
</tr>
<tr>
<td>Flash file 3.wmv</td>
</tr>
<tr>
<td>Flash file 4.wmv</td>
</tr>
</tbody>
</table>

In this UI, click button to search Flash files not in selected folder; click button to close this window and exit Flash playing mode; double click, or select then click button to open the selected file.

⚠️ In full screen, tool bar will be hidden at screen bottom, you may get it by tapping on the screen.

Function & Operation

Control buttons in playing mode:

- Play, in Pause or Stop mode, press this button to play;
- Pause, in Play mode, pressing this button to pause;
- Stop, in Play mode, pressing this button to stop;
- Fast Forward, in Play mode, pressing this button to fast forward once;
- Fast Retreat, in Play mode, pressing this button to fast retreat once;
- Full Screen, pressing this button for full screen play;
- Return, pressing this button to return back to system main menu from playing mode;

Sound Settings, Click the button to change into mute, in which status the sound icon will change to . Click the mute icon to back to its normal status and the sound icon will back to at the same time.
Function & Operation

This function is special for RM and RMVB files.

Operation:
In the system UI, click the icon to enter into the function of Media Player, then click the following:
- Play: to start the video file.
- Pause: to suspend the video file.
- Next File: to switch to the next file.
- Previous File: to switch to the previous file.
- Stop: to stop the video file.
- Close: to exit the function.

Volume: Click the button to change to full screen or restore to normal screen.
Progress: Drag the line to change the player progress.

Warning: when playback is in full screen, the tool bar will be hidden. If you tap the screen, the tool bar will show.

In the present UI, click the button to open the video files which you want to play. Click the button to exit the Media Player. You can also click the button to open the file.
Function & Operation

Music Playback
This is for music playback with format of MP3, WMA, WAV.

Operation
- On system main menu, click icon to play music. Screen display is shown as the illustration below.
- On this window, click button to search for music files not in selected folders. Click double click or select the desired music file and click button to play this music file.

Music play mode is displayed as following diagrams.

Function & Operation

Button control in Play Mode:
- In music play mode, click button to pause, then it becomes Play button to jump to the previous one-click button to jump to the next one. Click button to switch Repeat mode. Click button to set mute, then this button will become . Click button at the upper right corner to exit.
### Function & Operation

**Photo Display**

This is for Photo Display with format JPG stored in an SD card.

**Operation:**

On system main menu, click icon to enter into Photo Display function. Display of UI for file selection:

![Photo Display Interface]

On this UI, click button to search photo files not listed in the appointed photo file folder; click button to close current UI and exit Photo Display function; double click or select then click button to open or play this file. Display shown as the right illustration:

![Photo Display Example]

---

### Function & Operation

**Operation under photo view**

Then, click or button to select previous or next photos; click or button to zoom in or zoom out photo; click button for full screen display. In full screen display, tap the screen again to exit full screen display; click button to select display of different percentage; Click the button if you can Ctrl-Shift-R or Ctrl-R the photo. is for selecting to set automatic or manual mode to turn page of display.

**Exit Photo Display**

Click the button on upper right corner to exit.
Function & Operation

Bluetooth Function
The Bluetooth function is used for communication purpose. After the device is connected to a mobile phone with Bluetooth capability, you can operate the mobile phone functions on this system. He can dial or receive a call, view the call record of the mobile phone or perform other functions. Click the Bluetooth icon on the main interface and enter the following interface:

- Enabling Bluetooth Function
In the first use of the Bluetooth function, you will see the interface shown above. Only Bluetooth Setting is available. Other functions are all unavailable in the gray-out state. At this time, enable the Bluetooth function. Click Bluetooth Setting to enter the setting interface, as shown in the following diagram:

On this interface, the PIN code is the identification code to connect the mobile phone. To connect the mobile phone, you need to enter this code on the mobile phone before the connection is established. The number can be set freely. Click the keypad icon behind the number and enter the input interface.

- Connecting Mobile Phone
After the Bluetooth function is enabled, on the Bluetooth function interface, click the Pair icon to enter the Bluetooth equipment matching function, as shown in the following diagram:

If connection has been established in the past, the interface will list all devices that have been connected in the past. Select a device and directly click the Connect button to connect to the device. The connecting process may take a few seconds. Be patient. Click the Delete button to delete all connected records.
Function & Operation

In the case of first use, please click the Pair button at the right lower corner to enter the equipment search interface. Start the countdown of 60 seconds, as shown in the following diagram:

Please pair or connect the local device through your Bluetooth call phone, the default pin code is 6868.

60

Pairing in progress, please wait...

At this time, enable the Bluetooth function of the mobile phone to search the Bluetooth device. After it is found, enter the same PIN code as that displayed on the screen of this system and match the device. The screen will also display "You've matched your mobile phone successfully!"

At this moment, click OK to return to the upper-level interface. You'll see that all functions are available now, as shown in the following diagram:

Dial Keypad
On the Bluetooth function interface, click the Dial icon to enter the Dial Keypad:

At this time, click the number keypad to enter the telephone number to be dialed, and then click the Dial button at the right lower corner to dial the number. Click the Back button to return to the upper-level function.

After the Dial button is clicked, the mobile phone enters the call state. The screen display is shown in the following diagram:

During the call, click "DTMF-dial" to open dial keyboard then you can enter some numbers when necessary during your call. Click the "EndCall" button to end the call.
Function & Operation

View Call Record of Mobile Phone
On the Bluetooth function interface, click the Call Register icon to enter the Call Record. To read the information of the mobile phone in this function, it may take some time. The screen display is shown in the following diagram:

At this time, click the three relevant buttons on the top of the screen to view incoming calls, received calls and dialed calls. Select an option, and click the Dial button in the lower part of the screen to dial the selected number.

Not all Bluetooth mobile phones support the viewing of local call records through another device. If this function cannot help to view the call records of the mobile phone, please confirm whether your mobile phone provide this function.

eBook Reading
This if for eBook Reading with format .txt stored in an SD card.

Operation:
On system main menu, click button to enter into eBook Reading application. Display of UI for file selection:

On this menu, click button to search for .txt files not in selected folder; click button to close this window and exit file reading mode; double click button, or select then click button to open this file. The screen display is shown as follows:

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Click left or right button to turn page up or down; "Manual/Automatic" is set for selecting Manual or Automatic page turning; Font is for selecting letter size of display.
Function & Operation

1. Bookmark
   This is for bookmarking when reading a voluminous article, marking or
correcting to the last time marked page, a humanized design for
convenience while reading.
   Operation:
   In eBook Reading mode, click right button to enter into bookmark setting,
display of dialogue block is shown as in the illustration below.

   此时点击 按钮, 可以为当前的页面保存一个书签. 直接在
   对话框内可点击选择已保存的书签, 选中后点击 按钮可
   删除这个書签; 点击 按钮可跳转到这个书签所在的页面.
   点击 按钮退出书签设置返回正常阅读状态。

2. Jump to the appointed page
   This is for jumping to the appointed page when reading a voluminous
   article and no bookmark is set.
   Operation: In eBook Reading mode, click right button to enter into
   Jump function, display of dialogue block is shown as in the illustration below:

   Click the number key on screen to input the page number to jump to,
   when inputting, click button to backspace for deleting, click button
   to clear input block, after inputting page number click button
to jump to the page of selected number.

Function & Operation

1. Search for specific word or phrase in eBook
   This is for searching a specific word or phrase in the current reading
   article. In eBook Reading mode, click right button on screen to
   jump out from the dialogue block shown as in the illustration below:

   Click on the input field on the screen, and a soft keyboard appears as
   follows:

   As shown in the picture, you can choose the input method from the last
   button at the bottom, click "Handwrite" to change to the handwriting
   input state, and click "Hide" to close the small keyboard. The
   handwriting input state is shown as follows:

   As shown in the picture, the middle empty area is the handwriting area.
   Click the button on the right side to change the input method, and click
   "Hide" to close the handwriting input panel; click "keyboard" to return
to keyboard input state.

   Enter the desired characters and click "Next" to start searching. Click
   this button again to search for the next one if the result is not up to the
   demand.
**Function & Operation**

**TTS speech broadcasting**

TTS speech broadcasting function is able to read the article you are browsing. Click the button to set the parameter of speech broadcasting as follows:

- **Speed**
- **Tone**
- **Volume**

TTS speech speed, tone, and volume are available to be adjusted. Click "OK" to save the setup and close the window when everything is set. Click the button to read the articles, the page will be turned automatically when reading.

**Dictionary**

The device provides built-in English-Chinese and Chinese-English dictionaries. The vocabulary is large. Intelligent text input is supported.

- **Operation:**
  - In the system UI, click the icon to open the "Tools", then click the icon to enter the Dictionary function.

After you enter the Dictionary Translation function, click the drop-down button behind the dictionaries, as shown in the diagram above. Select and change the Chinese-English or English-Chinese dictionary saved on the SD card and load it onto the program, facilitating the Chinese-English translation function. During text input, the list of words with the same initial as the inputted letter in the intelligent input field. Click the word directly in the intelligent input field to view the translation result.

- **Input/Search**
  - Click on the input field on the screen, and a soft keyboard appears as follows:
Function & Operation

**Schedule Organizer**

- **Operation:**
  - In the system UI, click the icon to open tools, under which you can enter the Schedule by clicking the icon.
  - The illustration will show the schedule in week, month, enable the user to find the required dates, and display the Schedule conveniently.
  - The screen display in month display mode. The date to be completed matters on the screen, show in red color. Click the date to enter
  - The screen display is shown as in the illustration below.

**Function & Operation**

As shown in the picture, you can use the input method from the handwriting input by clicking the button on the right side. After that, click the button and enter the query result.

In this state, double-click the word in the Intelligent Input field on the toolbar. The Dictionary Translation function will be activated, and the entire system main.
Function & Operation

As shown in the illustration above, there will be a Form icon if an agenda is set on the date and time. Click on it to open the corresponding agenda and set the corresponding date and time. This will be stored in your agenda.

To create a new agenda, please refer to "Create New Schedule" in the following text for detailed information. Click on the corresponding button to set the new agenda.

Create New Schedule

For the new schedule, please refer to "Create New Schedule" in the following text for detailed information. Click on the corresponding button to set the new agenda.

Search by Month, Day, or Week

Click on the corresponding button to enter into the next week display mode. Screen display is shown as in the illustration below.

Click to exit and return to Search by Month. Click on the corresponding button to enter into the next week display mode. Screen display is shown as in the illustration below.

Click to exit and return to Search by Month.
As shown in the picture, the middle empty area is the handwriting area. Click the button on the right side to change the input method, and click "Hide" to close the handwriting input panel; click "Keyboard" to return to keyboard input state.

Input "Subject, Place, Content" you want to set; "Date, Time" can be input directly, or use adjustment buttons to set; "Priority, Type" can be selected in drag menu underneath them respectively.

When finished, click "Save" to save the revised schedule, then return back to mode of Search by Month.

Delete Schedule

In mode of Search by Month, click "Delete" button at bottom of the screen to enter into delete mode, all schedule saved in the system will be listed out, screen display is shown as in the illustration below:

[Image of event list]

In this mode, click drag menu after "Time, All" to choose other list, select an agenda to be deleted. Then click button, a dialogue block will pop up, select "OK" to delete this agenda. Click button at upper right corner to exit Delete mode, then return to mode of Search by Month.

Exit mode of Schedule Organizer

In mode of Search by Month, click button at upper right corner of the screen to return to main menu of system.
Function & Operation

**FM Transmission (optional)**

This feature is designed for transmitting the sound of this device at a set frequency to your car FM radio receiver, then you can hear from your car stereo system, and get it at volume set by the car stereo system.

**Operation:**

In the system UI open the Tools then find the icon ![Activate FM](image) to activate FM. It will be illustrated like below.

Then you may select "Open Channel" or "Close Channel", when select "Open Channel", you may also select device speaker on or off. It is suggested to close the device speaker when "Open Channel" is selected.

Press the or button, or directly drag the slide bar to set FM transmission frequency, then turn on car radio FM receiver and tune it to the same frequency as the transmission, then you may get the sound from the device.

**Status Display:**

When FM transmission is on, you may see an icon on the main menu screen:

- ![FM transmission on](image)
- ![FM transmission off](image)
- ![Device speaker on](image)
- ![Device speaker off](image)

In addition, on main menu, click these icon you may enter into FM transmission mode directly.

⚠️ **Warning:** Remember to get the device charged to enhance its performance when you activate FM.

---

**Function & Operation**

**GPS Test**

It is to check some data, such as the strength of receiving signal, and the numbers of satellites.

**Operating method:**

In the system UI, click the icon ![Open workbox](image) to open workbox, then find the icon ![GPS Test](image) and click it to enter the function of GPS Testing.

It will display as follows:

![GPS Test Interface](image)

All information in this interface are instant information. For details, please refer to those of the device.

**GPS reset:**

There will be different satellites in different places correspondingly when the GPS navigation equipment is receiving the geosynchronous satellite signal. This is called "Ephemeris". An ephemeris covers a range of 300KM. When you have set the "Ephemeris" in place A and shut down the equipment to take it beyond 300KM, the equipment will be in another ephemeris, and start searching for the satellite to ascertain the ephemeris. This may cost a lot of time. Clicking "Reset" button before searching would save much time.
Function & Operation

Calculator
This device has two calculators: Ordinary and Scientific calculator, able to be switched at any time, a good assistant for your work and study.

Operation:
In the system UI, click the icon to open Tools, then find the icon and click it to activate the function of Calculator.

As shown in the above illustration, the calculators can be used like normal others. Click "Scientific/Ordinary" on the right to switch between Scientific Calculator and Ordinary Calculator. The unit of calculation of the right can be taken according to actual demand.

Exit Calculator Mode
In Calculator mode, click button at the upper right corner of the screen to exit and return to system main menu.

Notepad Function
With the Notepad function, you can record some instantaneous simple information as memo. It is a highly practical function.

Operation Procedure:
In the system UI, click the icon to open Tools, then find the icon and click it to entry Notepad Function. It will show like below:

As shown in the above diagram, the pane on the left of the interface shows the titles of the saved notes. Click a note title to display the full content on the content pane on the right.

Creating a Note
Operation Procedure: On the main interface of the Notepad function, click the button to enter the state of adding notes. The screen display is shown in the following diagram:
The screen shows the soft keyboard when it is in input state. As shown in the picture, you can choose the input method from the last button at the bottom; click "Handwrite" to change to the handwriting input state; and click "Hide" to close the small keyboard. The handwriting input state is shown as follows:

As shown in the picture, the middle empty area is the handwriting area. Click the button on the right side to change the input method, and click "Hide" to close the handwriting input panel; click "keyboard" to return to keyboard input state.

Enter the contents, hide the soft keyboard, and click the button on the bottom of the screen to save the contents, and return to the notepad interface.

Edit/modify Notes Saved
On the main interface of the Notepad function, select the note to be modified, and then click the button in the lower part of the screen to enter the note editing state. The screen display and operation are all the same as "Creating a Note". After the modification, click the button to save it, and return to the main interface of the Notepad function.

Deleting a Note
On the main interface of the Notepad function, select the note to be deleted, and then click the button in the lower part of the screen. The screen pops up the dialog box to confirm the deletion. Click OK to delete the note.

Exiting Notepad Function
On the main interface of the Notepad function, click the button on the upper right corner to exit the Notepad function and return to the system main interface.
Function & Operation

Alarm (Optional)
The system can give warning of the relevant monitoring devices on road to alert the safety drive.

Operating method:
In the system main interface, click button to enter the early warning system. The screen is shown as follows:

There are four modules: Setting, Style, Data manager, and Simulator. Click the icons on the interface to enter the corresponding functions.

Setting
It is to enable the early warning function and to set some warning parameters, such as warning distance and mode. As follows:

Distance(H) 800m
Distance(L) 600m
Alarm Mode 25m
Have Sound 20km/h

Click "Start Alarm" on the left bottom. The tick in the square frame means the electronic warning system is enabled; "Distance(H)". Set the warning distance in high-speed drive; "Distance(L)"; Set the warning distance in low speed drive; "Have Sound": Cancel the warning when there is a certain distance away from the alarm point.

Style
This is to set the type of warning of the warning system, as shown below:

You can enable different types of warning as required in this interface.

Simulator
This is to simulate the alarm state of all kinds of warning items, as shown below:

Click the icon on the screen to experience the corresponding alarm.
Function & Operation

 DataManager
 This function is to add the type of warning and the coordinate manually to perfect the warning data. It is a convenient and user-friendly function. The screen is shown as follows:

If you find the traffic monitoring facilities that the device does not contain when you are driving, you can add them to the database manually.

Operations: First, the device should be in the place of monitoring facility, set the warning system to the above interface, and choose a type of warning; then, click "Add" to add it to the database. The warning system will give you an alarm next time you pass by this place.

System Setting
This is for system setting to change default setting of the system to your personal preference.

Operation:
On system main menu, click icon to enter into system setting. Screen display is shown as the illustration below:

In system setting, there 9 items for setting, click directly each item to change setting for it. Details will be described one by one below.

Language Setting
This is for setting of system language, screen display is shown as the illustration below:

Click the icons of the corresponding language in this interface or choose the interface project, the system will save the setup automatically when the setup is closed, and return to the previous menu. (The system will be required to restart after the interface project is changed.)
Function & Operation

Sound Setting

This is for setting the device's sound volume and the whole volume. After entering the setting interface, you can adjust the volume according to your needs. The sound settings can be adjusted by clicking on the volume control buttons.

Screen Saving

This is for setting the device's screen saving time. After setting the current screen saving time, select Yes to confirm.

Power Management

This is for setting the device's power saving mode. After setting the current power saving mode, select Yes to confirm.
**Function & Operation**

- **Time Setting**
  This is for setting time of the system. After entering into this UI, screen display is shown as the illustration below:

  ![Time Setting Illustration]

  On this UI, click button on the screen to set. After setting, close the current window to save.

- **System Resources**
  This is for checking system resources:

  ![System Resources Table]

  On this UI, click directly at the item on the right to check.

**Function & Operation**

- **Coordinates Calibration**
  This is for calibrating the stylus coordinates on touch screen. After entering into this UI, screen display is shown as the illustration below:

  ![Coordinates Calibration Illustration]

  On this UI, use stylus to tap at the center of the cross, then tap on other crosses which will move after each tapping until finish and “Touch Screen Calibration Completed” is shown.

- **Update Logo**
  The function is for updating start-up logo of the device. Please be sure that you have stored the Logo pictures into the SD card. After entering into this UI you will see the interface shown below:

  ![Update Logo Illustration]

  If there is no logo file in the current SD card, please copy the logo file into it or change another SD card having upgrade file, then click button, you may see this upgrade file. During upgrade operation, click button, then a dialogue frame will pop up, shown as the illustration below:
Function & Operation

(which has different names from each different company, please refer to details from each company of these navigation software, e.g. Soft Aid, a dialogue frame will pop up on screen, as it is shown below.

Then click "Cancel" button to abort, click "Confirm" to accept, then display different software.

Then click button to cancel upgrade or click button to proceed with the upgrade processing.

Warning: Please stop using the battery being full when charged.

GPS Path

Using this function to set GPS path for your navigation. Screen display Files list for the SD card belonging to the same types of SD card.

- Click button on the upper right corner to return to GPS path UI.
- Select GPS Software from two or more maps from different companies on an SD card.
- If there are two or more maps from different companies on an SD card, then click button on the upper right corner to return to GPS path UI.
Function & Operation

© AV-IN (Need to be equipped with camera)
You can adjust the direction of the image displayed in the camera under the camera menu. Click on the three directions to change.

© USB
Under the interface you can select the items below the Effect of video display. This is to set the mode when the USB interface of the device is connected to the portable. Click on the "AV IN" to set the drive as the portable memory, and "ACTIVE" is to save the drive for program debugging.

In this state, click the game icon on the screen to enter the game. For details on how to play the game, see the help information that will be provided after you enter the game.
Services

Allocating files in SD card
Operation procedure may interfere files in SD card, causing irrationality, due to long operation of the device, and the whole efficiency is likely to be influenced. In that case, we can apply the function Allocating files in SD card "to optimize configuration of files in SD card, in order to enhance the whole running efficiency.

Operation:
In the main system interface, click the button up on the screen, then it will automatically show the window of allocating files in SD card, and the result of the optimization will show as follows:

At this moment, click button "OK" to close the present window.

Car-backing Rear View Function
- This function is a fully automatic function. No manual operation is needed.
- Equipment Installation: The receiving device of car-backing rear view is installed on the seat of the navigator. In that regard, before the use of the device, it should be installed on the vehicle mount bracket. The rear view camera should be installed in the professional vehicle refit shop.
- This function needs the navigator as monitor. In that regard, when the car-backing rear view function is enabled, do not turn off the navigator.
- Once the vehicle is engaged in the backing gear, the navigator receives the signals, and automatically switches to the display image of the rear view camera. When the vehicle is not engaged in the backing gear, the navigator will switch to the previous work mode automatically.

Returning to Win CE Desktop:
The device can return to the Win CE by pressing one key and implement the PDA functions.

Operation Procedure:
On the system main interface, click the icon and the screen pops up the confirmation dialog box. Click OK to return to the Win CE desktop. At this time, you can perform relevant operations.

Return to the navigation system from the Win CE desktop:
On the Win CE desktop, click the icon to start the navigation system.

Video Input Function
The device supports the video input function. The video signals outputted by another device are transmitted to the device through a video cable. The device can work as monitor. Without any operation, the device will detect automatically the input of the vide signals, and will automatically switch the current function to the video display state. After the connecting cable is disconnected, the system will return automatically to the previous work mode.
Services

How to save and allocate files in SD card:

Usually, the files used by the device are saved in the appointed folders to ensure the access for embedded program of the device. You may save files into other folders or under root directory of the SD card. If the files are saved in the appointed folders, when opening the corresponding application, these files can be seen directly; if not in the folders, then you can not see them for the application, so that you need to click “Search” button, the system will search in all files in un-appointed folders until find it and display the result of search. For the sake of convenience, it is strongly suggested to save the files into the corresponding folders. The function and application of folders in SD card is listed below:

- eBook File
- Video File
- Navigation File
- Photo File
- Music File

Attention: Navigation software must be saved into GPS directory!

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>SiRF Atlas IV</td>
</tr>
<tr>
<td>Memory</td>
<td>2GB/4GB/8GB</td>
</tr>
<tr>
<td>Chip</td>
<td>GRF31+</td>
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<tr>
<td>Antenna</td>
<td>Built-in folded antenna</td>
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<tr>
<td>Memory Card</td>
<td>Applicable for a Maximum up to 8GB SD card</td>
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<tr>
<td>Screen Type</td>
<td>TFT Touch Screen</td>
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<tr>
<td>Screen Size</td>
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<tr>
<td>Screen Color</td>
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<tr>
<td>Dot Matrix Display</td>
<td>480*272</td>
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<tr>
<td>Extension Slot</td>
<td>SD</td>
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<td>Battery Type</td>
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<tr>
<td>Battery Capacity</td>
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<tr>
<td>No.</td>
<td>Fault</td>
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<tr>
<td>-----</td>
<td>-------------------------</td>
</tr>
<tr>
<td>1</td>
<td>No power on</td>
</tr>
<tr>
<td>2</td>
<td>Dead Unit</td>
</tr>
<tr>
<td>3</td>
<td>No display on screen</td>
</tr>
<tr>
<td>4</td>
<td>Dead in upgrade</td>
</tr>
<tr>
<td>5</td>
<td>Impossible to recharge</td>
</tr>
<tr>
<td></td>
<td></td>
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</tbody>
</table>