

***GPS Portable
Navigation Device***

User Manual
V43H01

FCC ID:XXXYYYY

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Please read this manual before you start using this device

- Ⓞ 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.
- Ⓞ 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.
- Ⓞ 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.
- Ⓞ 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.
- Ⓞ 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.
- Ⓞ The copyright of this manual is owned by the company and protected by laws. Any copy or translation of whole or part of its content, including words, figures, signs, phonetic index, etc., is only allowed for the individual customer's reference, but not for public circulation, or other legal and/or commercial purpose. The company reserves the right for final interpretation of this manual.

Function Description

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.

- ⊙ 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.
- ⊙ 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".
- ⊙ 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.
- ⊙ 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.

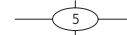
Bluetooth is optional.



Function Description

Features:

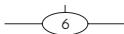
- ⊙ Ultra large, high-definition, and true color display, touch screen operations with handwriting input.
- ⊙ Professional portable navigation system, interface design of car electronic products, changeable theme interface, and convenient operations.
- ⊙ Most popular Windows OS, World class CPU
- ⊙ SD card of extensible capacity for mapping data, MP4 video, MP3 music, Photo, and personal files
- ⊙ Map for major large and medium scale cities, detailed mapping data, real voice guidance, automatic smooth switching
- ⊙ Built-in high sensitive GPS receiving module and antenna, Faster GPS signal receiving and More accurate positioning
- ⊙ Prompt and accurate positioning applicable for GPS data collection, e.g. Area measuring
- ⊙ 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
- ⊙ Embedded Organizer/Calendar, personalized friendly touch panel handwriting control, record and plan personal schedule
- ⊙ Multimedia entertainment: Flash display, MP3 music, MP4 video, Photo viewing
- ⊙ Scientific calculation: embedded calculator, a good business assistant
- ⊙ The FM transmitter designed for use in a car with car stereo is not controlled with volume of the device.
- ⊙ Personalized function setting: Language selection, Backlight brightness adjustment; Power management, Coordination calibration
- ⊙ 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 Falsh, 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.



Function Description

Warnings:

- ⊙ 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.
- ⊙ Please not put on earphone and operate the device when you drive or ride a bike to ensure your safety.
- ⊙ Please consult with airline crew for application of the device if you want to use it during flight.
- ⊙ Please keep the device far away from strong magnetic field which may cause damage or malfunction to the device
- ⊙ 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
- ⊙ 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
- ⊙ Please not use chemical solution or cleaner to clean the device to avoid possible damage to the paint and polish of its surface
- ⊙ 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
- ⊙ 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
- ⊙ It is prohibited to use higher voltage power supply, to bent or squeeze the power cord with big force so as to avoid possible damage and overheat resulting in fire
- ⊙ Never use wet hands to pull out or plug in the power plug to avoid possible electric shock
- ⊙ Not use the device in an environment over 60?, or below -10?, and with high humidity as well
- ⊙ 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

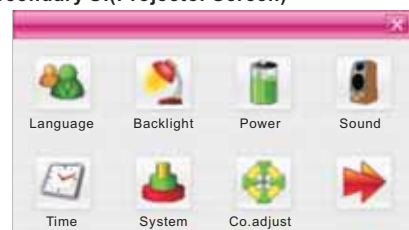
Illustrations on screen display:

System UI(Projector Screen)

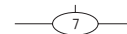


Under this UI, click icon down the screen to enter the function page. Then there will be Looped playback of cartoon, click it to entry this function. If you click the icons beside the function icon you can enjoy the cartoons. If you click the arrow up the corner you can turn pages to view, which accompanies the cartoon at the same time.

Secondary UI(Projector Screen)



In this interface, click the icons on the screen to enter the corresponding functions; and click the arrow on the right bottom to turn the page. There will be an animation effect when turning the page.



Function Description

System UI (Green background)



In this interface, click the small icon to switch to the corresponding page. Then, an animation is played circularly on the screen. Touch the screen or the small icon on the bottom to enter the function, and click the arrow on the right bottom to turn the page. There will be an animation effect when turning the page.

Secondary UI (Green background)



In this interface, click the icons on the screen to enter the corresponding functions; and click the arrow on the right bottom to turn the page. There will be an animation effect when turning the page.

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



Battery

Battery Status Icon:



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

Charging:

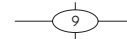
Warnings for charging:

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 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.

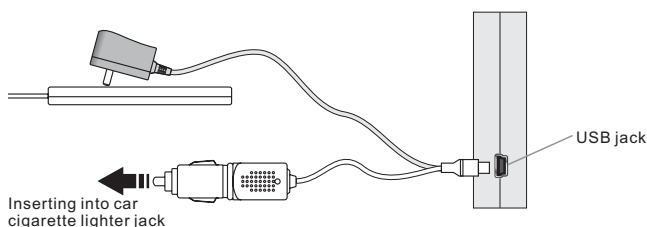
If not using the device for a long time, it is wise to take out the battery.



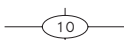
Power On/Off the device

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.



Function & Operation

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:

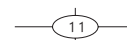


In this UI click the button will be in sleeping mode, click the button will power off; click the button to exit the UI and back to normal operation.

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.

Function & Operation

In the following interface:

Click  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  button to turn the device to the mute mode, then, the button is changed to ; click the  button to resume the volume. Click  button to play the video in full height screen, and  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:

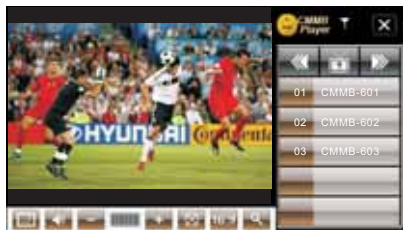


In this UI, the playing screen will show the video picture at the proportion of 3:4. Pressing the right corner of the video picture then drag it to minify of magnify the proportion of the picture. If you press other places of the picture, you can drag it on the screen as you wish. Under Picture-in-Picture 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.



Function & Operation

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.

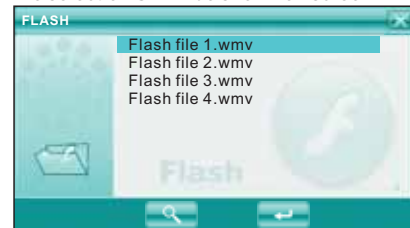
Function & Operation




FLASH Play

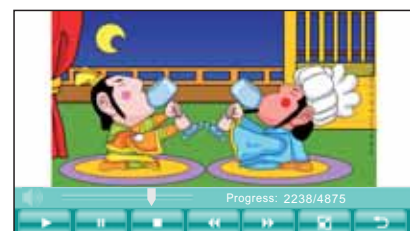
This is for Flash file playing.

Operation:

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













on 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 this selected file.



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 get 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.




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

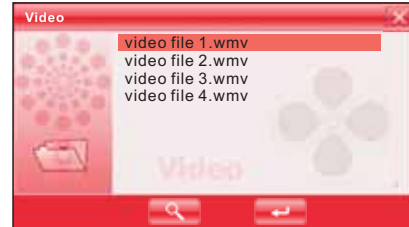
Function & Operation




Video Playback

This feature is for video file playing, with the formats: AVI, MPEG, MPG, ASX, DAT, ASF and WMV.

Operation:

On system main menu, click  icon to enter into Video Playback application. Display of UI for file selection:













On this UI, click  button to search video files not listed in the appointed video file folder; Click  button to close and exit from Video Playback application; Double click or select and click  button to open and play this file.



Function & Operation

UI and button definition:

-  Play
 -  Pause
 -  Stop
 -  Close
 -  Next
 -  Previous
 -  Full screen display
-  Play Progression, drag to a point to start play
-  Volume tune, click anterior  to set into mute status, click it again to resume




- ⊙ In full screen display, the tool bar at screen bottom will be hidden, you can slightly tap on screen to get it.
- ⊙ It will take a few minutes to search files when video play mode starts if this application has not been used for a long time.

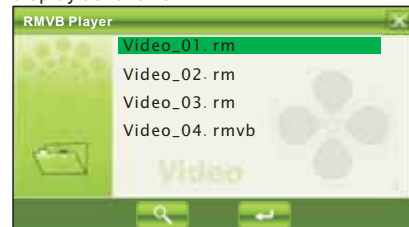
Function & Operation




RMVB Player

This function is special for RM and RMVB files.

Operation:

In the system UI, click the icon  to enter the function of Media player, then click the "RM" to enter into the Video Player. And the screen will display as follows:




In the present UI, click the button  to search the video files which you have saved beforetime. Click the button  to exit the rmbv player, double-click the file you select or click the button  you can open the file.






Function & Operation

◎ 界面按钮功能:

-  :Play
-  :Next File
-  :Pause
-  :Former File
-  :Stop
-  :Full Screen Display (the suitable screen size)
-  :Close
-  :Full screen Display (Stretch to the whole screen)

 Player Progress, Drag the line to change the player progress.

 Volume Regulating Click the button  to change to Mute, click it again to its normal status.


 **Warning:** when it plays in full screen, the tool bar down the screen will be hidden. If you tap the screen, the tool bar will show.

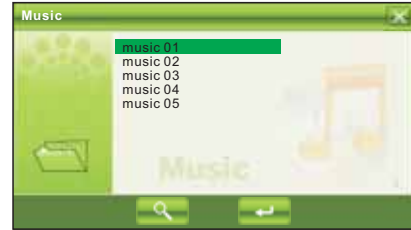
Function & Operation




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 UI, click  button to search for music files not in selected folder; click  button to close this window and exit musi play mode; double click, or select then click  button to play this music file.

Music play mode is displayed as following diagrams:




Function & Operation

◎ Button and control in Play Mode:

In music play mode, click  button to pause, then it becomes Play Button  ; At this time click  button, music play mode will return again; click  button to stop; click  button to jump to the next one, click  button to jump to the previous one; click  button to switch Repeat mode; click  button to set mute, then this button will become  , click  again to recover.

◎ Exit from Music play

Click  button at the upper right corner to exit.

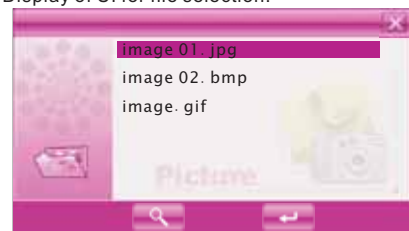
Function & Operation




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:



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:



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 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.

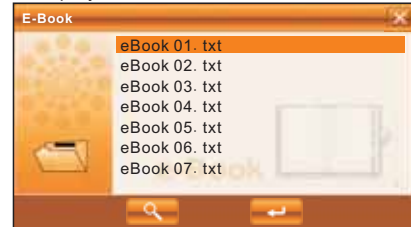
Function & Operation

eBook Reading

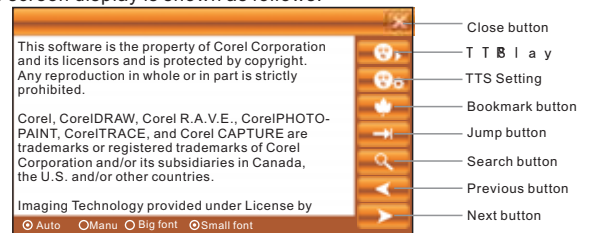
This is for eBook Reading with format .txt stored in an SD card.

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:



Click or 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

Bookmark

This is for bookmark in reading a voluminous article, marking or jumping 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:

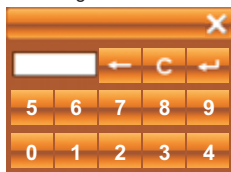


此时点击 按钮 可以为当前的页面保存一个书签。直接在对话框内可点击选择已保存的书签，选中后点击 按钮可删除这个书签；点击 按钮可跳转到这个书签所在的页面。点击 按钮退出书签设置返回正常阅读状态。

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:

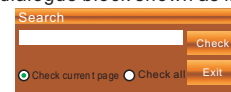


Click the number key on screen to input the page number to jump to, when inputting, click button to backspace for deleting; click button to clear input block, after inputting page number click button to jump to the page of selected number.

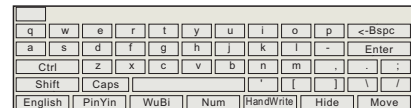
Function & Operation

Search for specific word or phrase in eBook

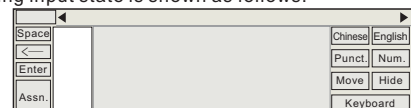
This is for searching a specific word or phrase in the current reading article. In eBook Reading mode, click right button on screen to jump out from the dialogue block shown as in the illustration below:



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:




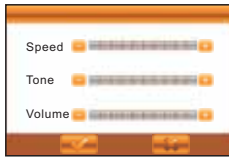
As shown in the picture, the middle empty area is the handwriting area. Click the button on the right side to change the input method, and click "Hide" to close the handwriting input panel; click "keyboard" to return to keyboard input state.

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  button to set the parameter of speech broadcasting as follows:



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  button to read the articles; the page will be turned automatically when reading.


Function & Operation

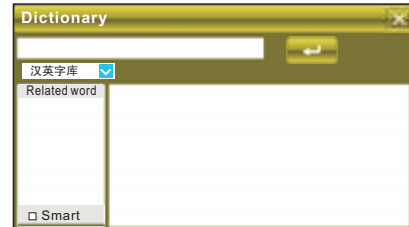
Dictionary

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

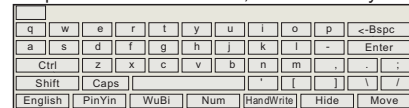
the icon  to enter the Dictionary function.



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.

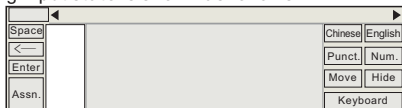
⊙ Input/Search

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




Function & Operation

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.

At this time, enter the word to be queried. After that, click the  button and the screen will pop up the query result.



In this state, double-click the word in the intelligent input field on the left directly to view the query result.

⊙ Exiting Dictionary Translation



On the main interface of the Dictionary Translation function, click the  button on the upper right corner to exit the Dictionary Translation function and return to the system main interface.

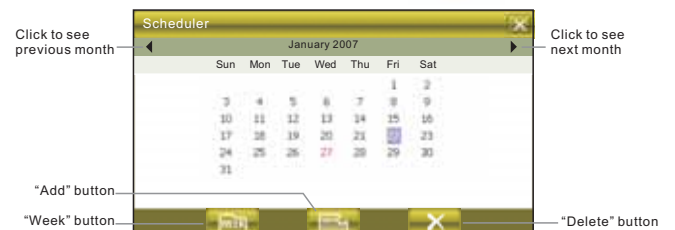
Function & Operation

Schedule Organizer

This is to Add, Edit, Delete schedule, and display the schedule in week, month, enable the user to find the scheduled agenda conveniently.

⊙ 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 like below:

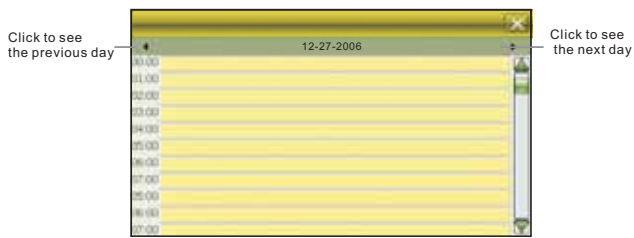


The screen display is in month display mode. The date to be completed for the matters on screen show in red color. Click the date to enter into day display mode; click "Week" to enter into week display mode.

⊙ Search by Date

Select and click a date on the screen to enter into Date display mode. Screen display is shown as in the illustration below:

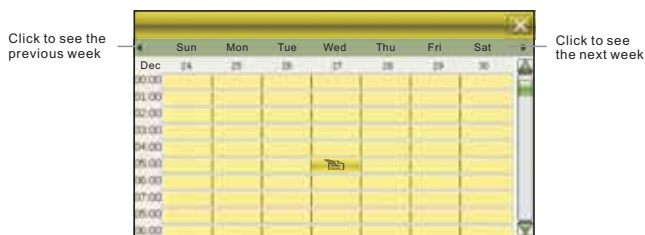
Function & Operation



Click time tag on date screen to check and revise a stored schedule or agenda. If the time tag is blank, then click it to set up a new schedule or agenda. To create a new schedule, please refer to "Create New Schedule" in the following text for detailed procedure. Click button on upper right corn to exit and return back to Search by Month

① Search by Week

Click "Week" button to enter into week display mode. Screen display is shown as in the illustration below:



Function & Operation

As shown in the illustration above, there will be a icon if an agenda is set on the date and timing. Click on screen to check or edit this agenda; Click the corresponding spot of date and time on which you want to add a new agenda to set it.

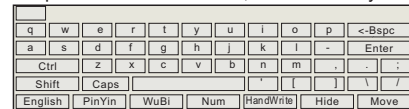
To create a new schedule, please refer to "Create New Schedule" in the following text for detailed procedure. Click button on upper right corn to exit and return back to Search by Month.

① Create New Schedule

Operation: In mode of Search by Month, click "Add", or click timing tag under mode of Search by Date, or click dating and timing tag under mode of Search by Week to enter into Create New Schedule UI, screen display is shown as in the illustration below:

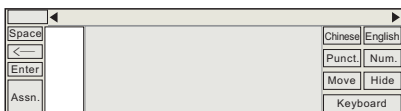


Click on the input field on the screen, and a soft keyboard appears as follows:



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:

Function & Operation



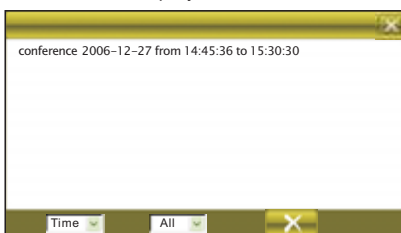
As shown in the picture, the middle empty area is the handwriting area. Click the button on the right side to change the input method, and click "Hide" to close the handwriting input panel; click "keyboard" to return to keyboard input state.

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.

① 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:



Function & Operation

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.

① 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

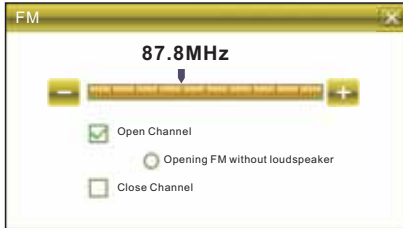
FM Transmission (optional)



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  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  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:



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

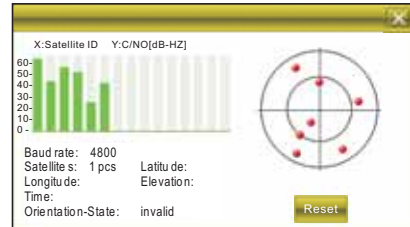
GPS Test

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  to open workbook, then find the icon  and click it to entry the function of GPS Testing.

It will display as follows:



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.

Function & Operation

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.

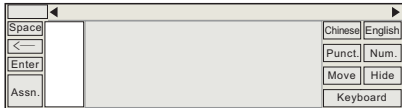
Creating a Note

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:


Function & Operation



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 screen to save the contents, and return to the notepad interface.

Function & Operation


④ 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.

④ 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.

④ 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.

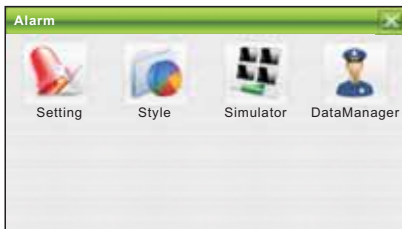
Function & Operation

Alarm (Optional)

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

④ Operating method:

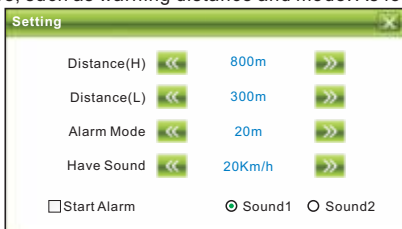
In the system main interface, click  button to enter the early warning system. The screen is shown as follows:



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

④ Setting

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

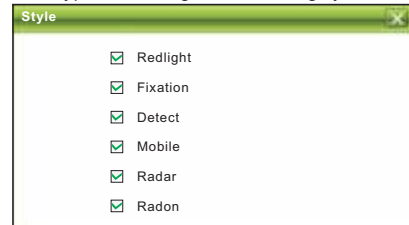


Function & Operation

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.

④ Style

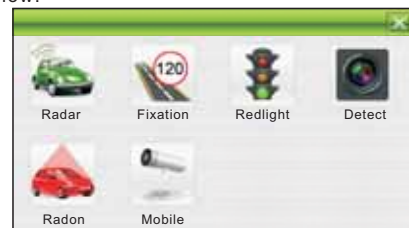
This is to set the type of warning of the warning system, as shown below:



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

④ Simulator

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

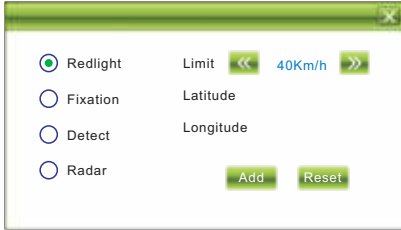


Click the icon on the screen to experience the corresponding alarm.

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.

Function & Operation

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:

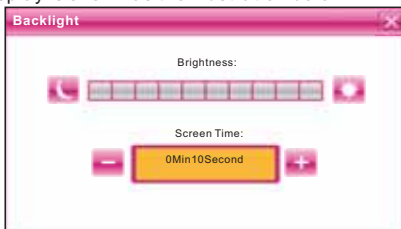


Click the icons of the corresponding language in this interface or choose the interface project, the system will save the setup automatically when the setup is closed, and return to the previous menu. (The system will be required to restart after the interface project is changed.)

Function & Operation

◎ Backlight setting

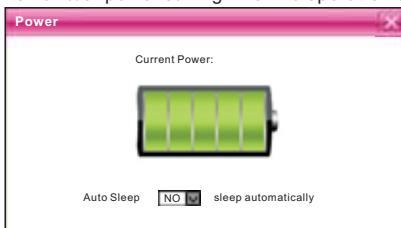
This is for changing backlight brightness of the device screen display, and time to start screen saver when no operation on the device. Screen display is shown as the illustration below:



Then, drag the slide block to set. Select No Screen Saver, then the screen saver will be disabled. After setting, close the current window to save.

◎ Power Management

This is for setting auto power off and/or power saving mode, and time to start power off and/or power saving when no operation on the device.

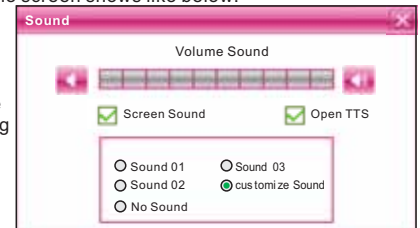


In drag menu to select time, select "No" for disabling this feature. After setting, close the current window to save.

Function & Operation

◎ Sound Setting

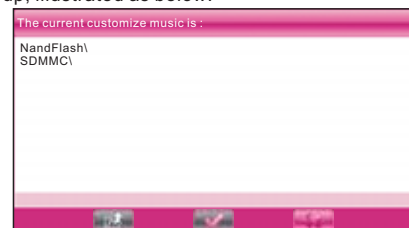
This function is for setting start-up music, clicking volume and the whole volume. After entering the screen shows like below:




lick "Screen sound" in this interface to enable or disable the sound of screen operations, "Open TTS" is to enable the speech broadcasting function. TTS speech engine gives a clear broadcasting of the function name every time you enter into a function. English and Chinese speeches are supported for the moment. You can listen to the sound by clicking the start-up sound directly; and the general volume can be adjusted by dragging the slide directly.

User-defined start-up music

In the present interface, click "customize Sound" then its dialog window will show up, illustrated as below:



"Nand Flash" is the inside memory of the device, "SDMMC" is the SD card. So the start-up music can be selected from both of them. Select one, click the button  to confirm, then back to the upper-level interface.

Function & Operation

Time Setting

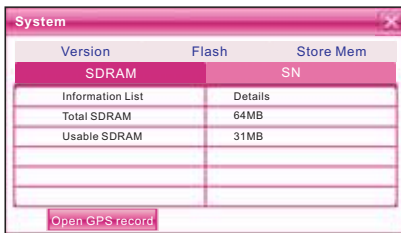
This is for setting time of the system. After entering into this UI, screen display is shown as the illustration below:



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:

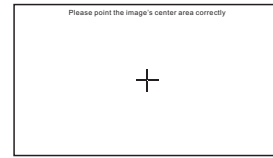


On this UI, click directly at the item on the right to check.

Function & Operation

Coordinates Calibration

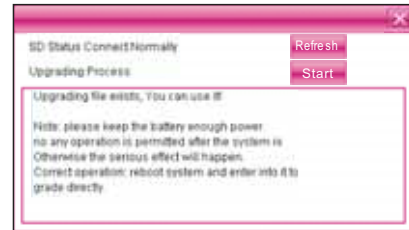
This is for calibrating the stylus coordinates on touch screen. After entering into this UI, screen display is shown as the illustration below:



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.

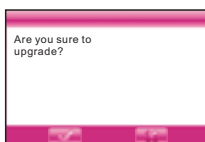
Update Logo

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 :



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 **Refresh** button, you may see this upgrade file. During upgrade operation, click **Start** button, then a dialogue frame will pop up, shown as the illustration below:

Function & Operation

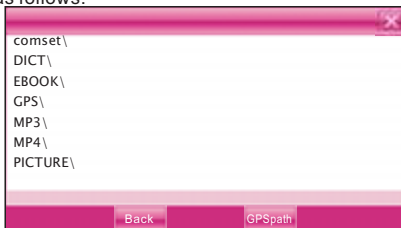


Then click **No** button to cancel upgrade, or click **Yes** to proceed with the upgrade processing.

Warning: please be sure that the battery is being full when you are updating. If not, please get the device charged.

GPS Path

Using this function is to set GPS path for your navigation. Screen display will show as follows:



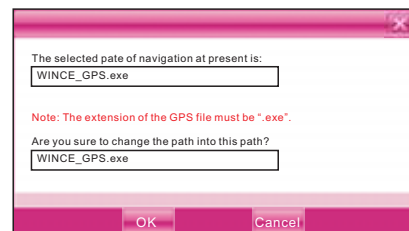
Files listed on the present screen belong to the saved ones in SD card, so click them can read the file.

Select GPS Software

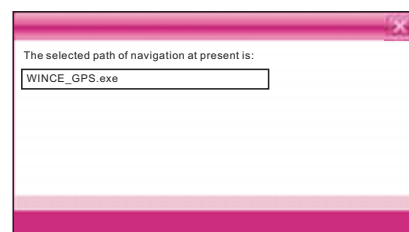
If there are two or more maps from different companies on an SD card, then this feature can help you select each of them easily. The way to Select: In SD card directory, open the file folder to find the map to be used, select navigation software of .exe.

Function & Operation

(which has different names from each different company, please refer to details from each company of these navigation software. e.g. Careland has WINCE_GPS.exe), then select and click **GPS path** button, a dialogue frame will pop up on screen, as it shown below:



Then click "Cancel" button to abort; click "Confirm" to accept, then display on screen will be:

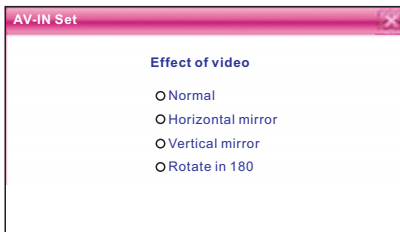


Click **X** button on the upper right corner to return to GPS path UI.

Function & Operation

AV-IN (Need to be equipped with camera)

You can adjust the direction of the image displayed in the camera under AV-IN, it will illustrate as follows:



Under this interface you can select the items below the Effect of video directly, and then click it to exit the function.

USB


This is to set the mode when the USB interface of the device is connected to the computer, in which "U disk" is to set the device as the portable memory, and "ACTIVESYNC" is to use the device for program debug. Pictures are shown as below:



Click the desired connection mode and close the window to save the chosen mode.

Function & Operation

Game

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




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 available 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.

Services


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 video 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!

Services

Specifications

CPU	SiRF #as VI
Memory	2G B /4G B /8G B
Chip	GRF3i+
Antenna	Built-in folded antenna
Memory Card	Applicable for a Maximum up to 8GBSD card
Screen Type	TFT Touch Screen
Screen Size	4.3"/4.8"/5.0"
Screen Color	65K colors
Dot Matrix Display	480*272
Extension Slot	SD
Battery Type	Removeable Li-polymer batter
Battery Capacity	950mAh

Services

Trouble Shooter

No.	Fault	Possible Cause	Solutions
	No power on	Battery drained (The screen has no further display after a blink when pressing power on button.)	Please refer to the description of battery charging in this manual, only use the enclosed charger to charge the device.
	Dead Unit	The start interface stays on the screen for long time without changing.	Take out the battery, then put it back, start the device again.
		No display of the screen, or display on screen is frozen as any button is pressed.	Press and hold the power on button for 5 seconds, then release it to power on. Take out the battery, then put it back, start the device again.
	Error in upgrade	Dead or frozen during upgrade, display on the screen is frozen and no button works.	This fault can only be fixed by the manufacturer. Please return for repair.
	Impossible to recharge	During charging, the green LED indicator of the device has no light or no charging sign displayed on the screen.	If the charger is connected properly and powered.
			Charger is damaged.
			Battery is damaged or full charged.
			It is normal when the green LED is lit on but the charging sign is not on the screen at the same time during charging.