GPS Portable Navigation Device

User Manual

YF03

Welcome

Thanks for using the GPS. With navigation as the major function, it supports audio play, video play, photo browsing, e-book reading, and CMMB.

- ✓ AT840 CABA CPU with high performance and low power consumption
- ✓ Friendly user interface for simple operation
- ✓ Power management for longer and more stable operation
- ✓ Data transmission with computers via Mini USB
- ✓ Quality reception for accurate positioning and satisfactory navigation service
- ✓ Leisure partner with audio/video/amusement functions

You may use the GPS navigator anytime anywhere, for example while driving, walking or cycling. Its navigation and amusement functions will enrich your life and work!

To fully exert the functions of GPS and to understand the operation details, please read the manual carefully.

You may see the following supplemental information in the manual.

[Note]: Explanation of relevant subjects

[Relevant Information]: Extra information of relevant subjects

[Attention]: Precautions or warnings of relevant subjects. Please pay attention to this information and follow the instructions to avoid devastating influence on yourself and others.

Chapter I Beginning Use

This chapter introduces the components and basic operations of GPS.

1.1 Power Supply & Charging

Charge the GPS navigator fully with the charger before first use.

1.1.1 Power Supply

The GPS can be powered by the built-in battery or external power supply.

When the GPS navigator is unconnected to the charger, it is powered by the Li-polymer battery. The battery capacity icon 🔋 in the system main interface shows current residual battery capacity.

When the GPS navigator is connected to the charger, it is powered by external power and the battery is charged.

[Attention] The GPS navigator adopts internal non-removable Li-polymer battery. To avoid battery rupture, explosion, release of hazardous substance or burn, do not unpack, pierce, strike on or discard the battery in fire or water.

1.1.2 Charging by Charger

The GPS navigator must be charged with the charger before first use.

Plug the USB terminal of the charger into the USB port on the left side of the GPS navigator and the other to the power

socket to supply power and charge the GPS navigator.

[Note] The charging indicator light is red during charging. Do not unplug the charge until the battery is fully charged and the indicator light turns green. Please charge the GPS navigator when the battery is low or used up in succeeding use.

1.1.3 Charging by Car Charger

Plug one terminal of the car charger into the USB port on the left side of the GPS navigator and the other to the charging port to supply power and charge the GPS navigator.

[Note] Plug in the car charger after the automobile is started to avoid damage due to current surge.

1.2 Basic Use

1.2.1 Powering on/off & Sleep

2.3.1.1 Powering on

Press the power key on the top side of the GPS navigator for at least two seconds to power it on.

[Note] Great humidity fluctuation may lead to short circuit of the GPS navigator. Power on the navigator after it has accommodated to new environment.

2.3.1.2. Powering off & Sleep

Long press the power key to power off the GPS navigator. The following interface will be prompted. If Sleep is selected, the navigator will automatically resume the state before entering sleep mode when powered on again.

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Do you want power off ?

Power Off   Sleep   Cancel
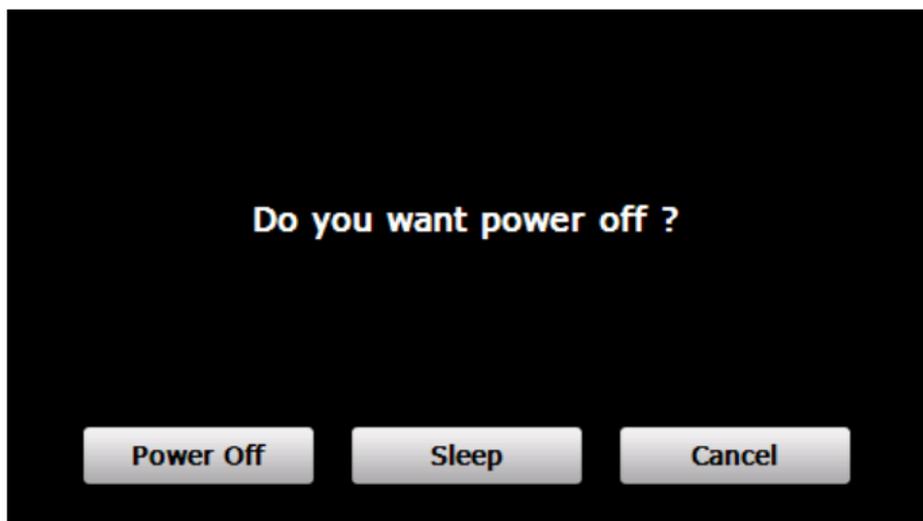
1.2.2 Restarting the System

When the system does not response, press the reset key on the back of the GPS navigator to restart the system.

[Relevant Information] The following situations might lead to no response of the system.

1. Delay or stagnancy in interface switching;

2. Failure of function activation with overlong execution;

3. Failure to power on/off the GPS navigator by pressing the power key

[Note] Restarting the system by pressing the reset key will result in loss of unsaved data. Please backup your data regularly.

1.2.3 Fixing the GPS Navigator with Mounting Kit

The mounting kit is composed of a back splint and a bracket. To use the GPS navigator in an automobile, fix it on the dashboard under the front windshield.

[Note] Do not place the GPS navigator in positions obstructing the driver's vision. Do not place it without fixing it or in the place of air bag or the area after the air bag is inflated.

1.2.4 Using SD Card

Copy mapping applications, map data and media files in a SD card. Insert the card in the corresponding slot.

[Note]

1. Do not take out the SD card while a navigation program is being run or a media file is being played.

2. To avoid drop or crash of the SD card, do not exert heavy pressure on it or bend it.

3. Avoid using or storing the SD card in high temperature, high humidity or direct sunlight. Keep the card away from liquid or corrosive substance.

4. Mind the direction while inserting the SD card to avoid damaging the slot or the card.

1.3 System Main Interface and Major Functions

Long press the power key on the top side of the GPS navigator to enter the system main interface shown below.

Operation Instruction

Function	Explanation
GPS	Tap to enable navigation function

Explorer	Windows ce 6.0
Music player	WMA9 and WAV files supported; Random, sequence and cycle play supported
Video player	WMV, ASF and AVI files supported; Adjustment of playing progress, pause and full-screen play supported
Photo browser	JPG，GIF，BMP and PNG files supported; Photo rotation, zoom in/out and auto play supported
E-book	TXT files reading supporting page selection
Games	Othello
Tools	Calculator and Unit
Setting	Volume, backlight, language, date& time, calibration, FM transmitter and system info

Chapter II GPS

Various navigation mapping applications can be installed in the GPS navigator, such as CARELAND and RITU intelligent navigation systems, which position the navigator via the satellite receiver and display it on the map. Set a destination, and the system will automatically work out the best path to help the user reach the destination safely and quickly.

2.1 Map

Due to transportation development, inconformity between products and real traffic information will occur a period after product release. Please drive according to road condition and abide by traffic regulations.

2.2 Navigation

Navigation paths are for reference only, and the user may decide whether to follow them.

2.3 Reception

High and crowded structures (such as inside of tunnels, space between high buildings, underground car parks and under viaducts), weather change or satellite signals turnoff may influence signal reception, resulting in positioning failure, inaccurate positioning, navigation failure or system function abnormity.

With stereoscopic maps, instant animation, voice prompt and text prompt of the navigation system; you will appreciate its

unique charm and enjoy a great trip.

Different navigation maps may have different operation methods. Please follow instructions of corresponding navigation mapping applications.

[Note] Before using the GPS navigator, please purchase and install mapping applications and appoint file paths. For setting methods please refer to *6.10 Setting Navigation Path*.

Chapter III Media

The Media functions include the music player, video player, photo browser, e-book reader and flash player.

3.1 Music Player

This section introduces the usage of the music player.

3.1.1 Features

The music player supports WMA9 and WAW files and selection of play sequence.

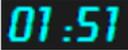Copy audio files to a folder in your memory card before using the player.

3.1.2 Interface and Operation

Tap 🎵 to enter the **Music Play** as shown below.

Icon	Name	Explanation
	Close	Close the music player.
	Minimize	Minimize the music player and return to the **Media** interface.
	Play	Continue playing the paused/ stopped music.
	Pause	Pause the music being played.
	Stop	Stop the music being played.
	Set play sequence	Select sequence, random or cycle play.
	Previous	Play the previous music.

	Next	Play the next music.
	Volume	Drag it leftward to turn down or rightward to turn up the volume.
	Progress	Drag it leftward or rightward to play from a previous or future moment.
	Music list	Enter it to select music to play.
01:51	Time	Display the run time.
	Equalizer	Enter the equalizer.

Tap in the interface **Music Play** to enter the **Music list** shown as below.

Icon	**Name**	**Explanation**

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	Close	Close the **Music List**
	Scroll bar	Drag it upward/ downward to view all music.
	Add one	Add a piece of music on the left list to the play list on the right.
	Add all	Add all the music on the left list to the play list on the right.
	Delete one	Select one piece of music in the play list and tap the icon to delete it.
	Delete all	Delete all the music in the play list.

3.2 Video Player

This section introduces the usage of the video player.

3.2.1 Features

The video player supports WMV, ASF and AVI files, full-screen play, progress selection and file selection.
Copy video files to a folder in your memory card before using the player.
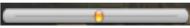
3.2.2 Interface and Operation

Tap in the **Media** interface to enter the video player

interface shown as below. 、

Icon	Name	Explanation
![close]	Close	Close the video player.
![prev]	Previous film	Play the previous film.
![play]	Play	Continue playing the paused/ stopped music.
![next]	Next film	Play the next film.
![stop]	Stop	Stop the film being played.
![folder]	Video folder	Enter it to select a film to play.

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	Progress	Drag the sliding block leftward to play from a previous moment or rightward coming moment.
	Volume	Drag it leftward to turn down or rightward to turn up the volume.
00:00:00/00:00:30	Time	Display the play time and the music duration.

Tap in the **Video Player** interface to enter the video folder shown as below.
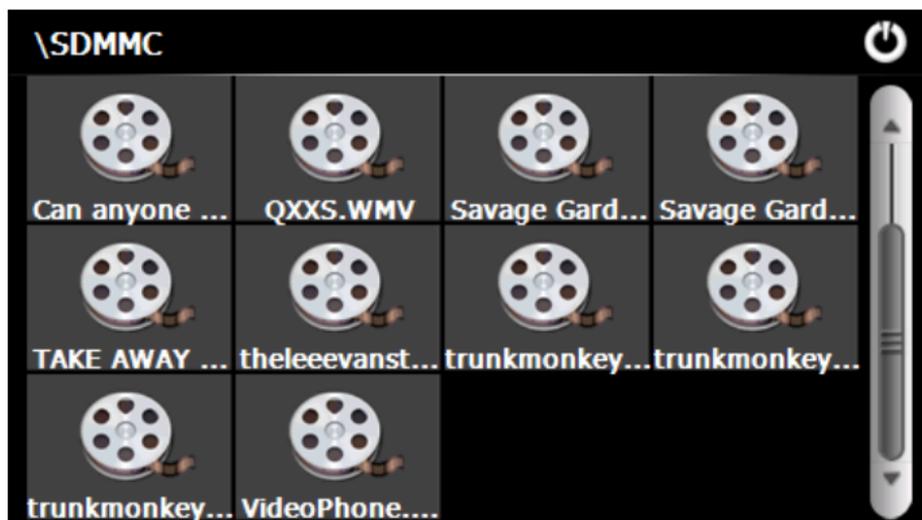
Icon	**Name**	
	Close	Close the video folder.

	Scroll bar	Drag the sliding block up ward downward to view all the files inside the folder.
QXXS.WMV	Film name& format	Film name and its format

3.3 Photo Browser

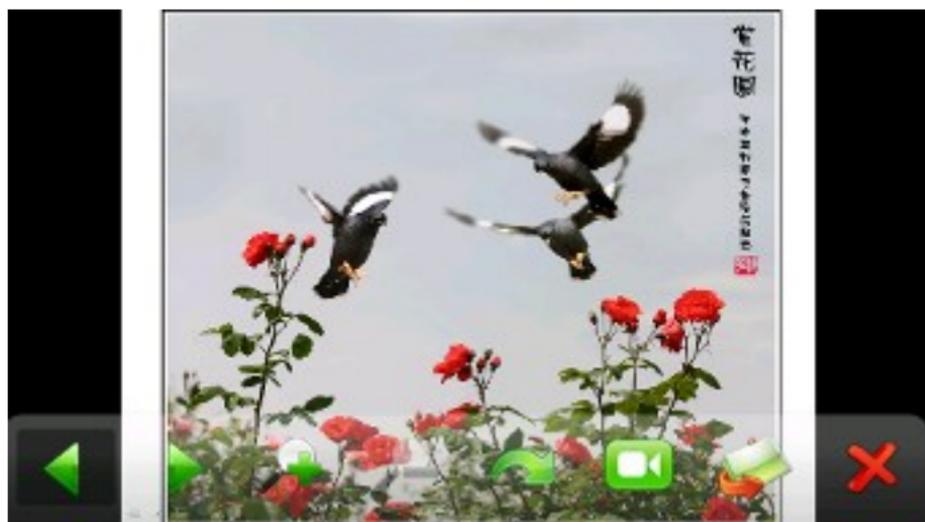This section introduces the usage of the photo browser.

3.3.1 Features

The photo browser supports JPG, GIF, BMP and PNG files, photo rotation, zoom in/ out and auto play.
Copy photos to a folder in your memory card before using the browser.

3.3.2 Interface and Operation

Tap 🌻 in the **Media** interface to enter the photo browser

interface shown as below.

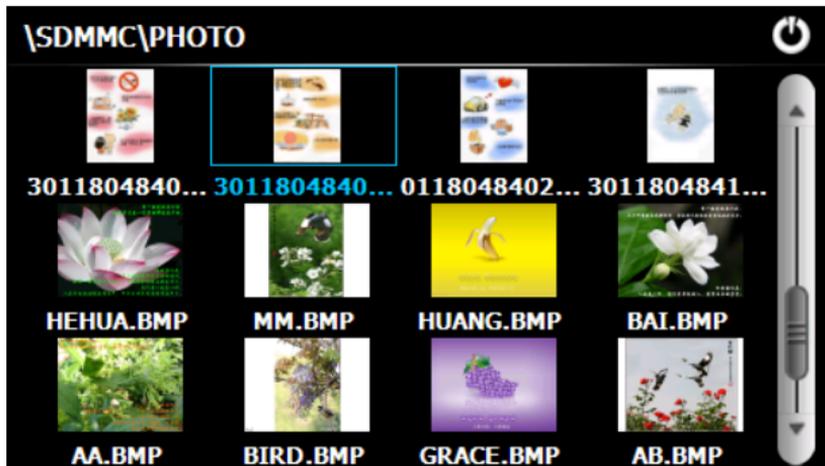| Icon	Name	Explanation
	Previous	View the preview photo in the folder.
	Next	View the next photo in the folder.
	Zoom in	Scale up current photo.
	Zoom out	Scale down current photo.
	Rotate	Rotate current photo 90 ° clockwise.
	Auto play	Cycle play all the photos in the folder from current photo.
	Folder	Enter the photo folder to select a photo.

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	Close	Close the browser and return to the **Media** interface.

Tap in the browser interface to enter the photo folder

shown as below.

Icon	Name	Explanation
	Close	Close the current folder.
	Return	Return to the previous folder.
	Scroll bar	Drag the sliding block to view all the photos.

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3.4 E-book Reader
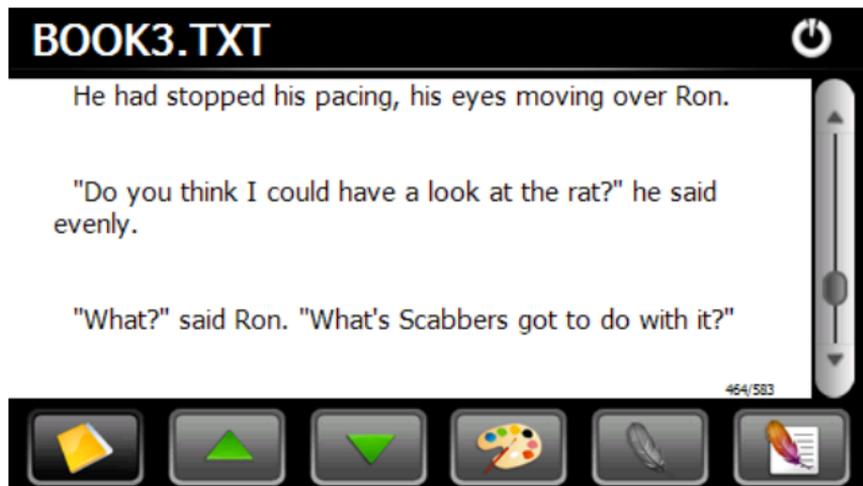
This section introduces the usage of the E-book reader.

3.4.1 Features

The reader supports TXT files, page turn and folder selection.
Copy TXT files to a folder in your memory card before using the browser.

3.4.2 Interface and Operation

Tap [@] in the **Media** interface to enter the reader interface shown as below.

Operation Instruction

Icon	Name	Explanation
FUCHEN.TXT	File name& format	Current file name and format.
⏻	Close	Close the reader.
(scroll bar)	Scroll bar	Drag the sliding block upward/ downward to view all content of the e-book.
(folder)	Folder	Enter the e-book folder to select an e-book to read.
▲	Previous	Read the previous page.
▼	Next	Read the next page.
(palette)	Setting	Select a text theme, font, word size and bold type.
(bookmark)	New bookmark	Select partial text and tap the icon to create a bookmark.
(bookmark list)	Bookmark list	Enter the bookmark list to select or delete a bookmark.
1/305	Page/ total pages	Current page/ total pages

Tap ![icon] in the e-book reader interface to enter the setting interface shown as below.

Theme	💾 ⏻
Style	◄ Left ►
Theme	◄ Theme1 ►

Icon	Name	Explanation
⏻	Close	Exit the setting interface
💾	Save	Save the setting.
Theme	Theme	Tap ▼ to select a theme for the e-book.
Font	Font	Tap ▼ to select a font for the e-book.

Tap ![icon] in the e-book reader interface to enter the e-book folder shown as below.
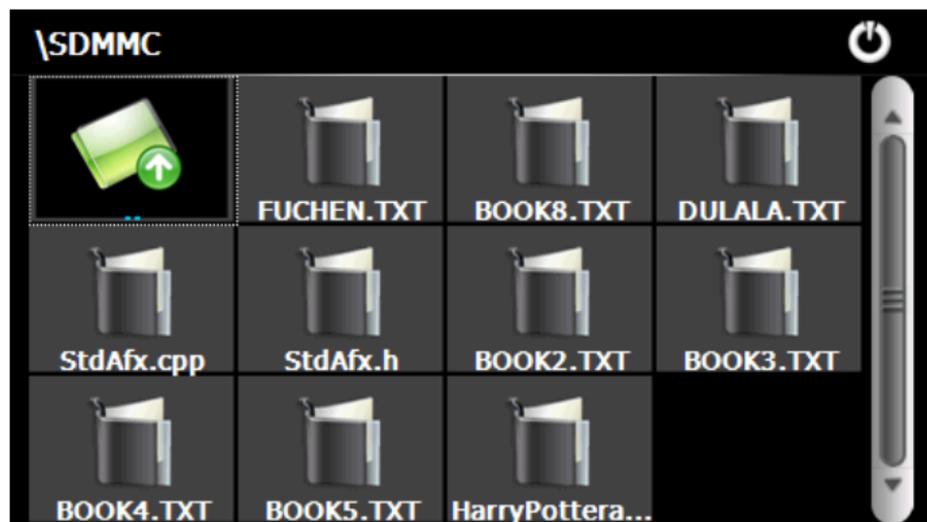
Icon	Name	Explanation
	Close	Close current folder.
	Return	Return to the previous folder.
	Scroll bar	Drag the sliding block upward/ downward to view all TXT files.
	File name& format	The file name and format.

To create a bookmark, locate a page by taping or or dragging the scroll bar in the reader interface and drag to select text content. Tap when it is on. Tap **OK** to finish. Tap to view created bookmarks in the interface of
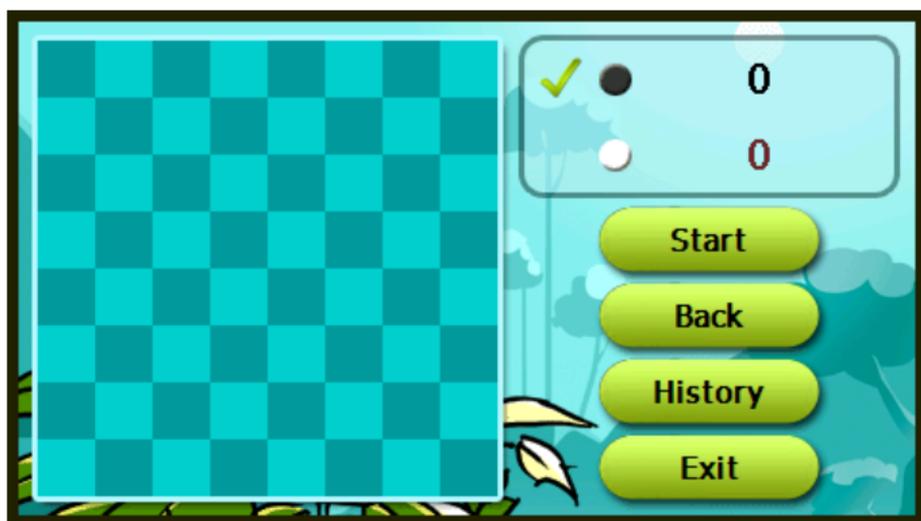
Bookmark List shown as below.
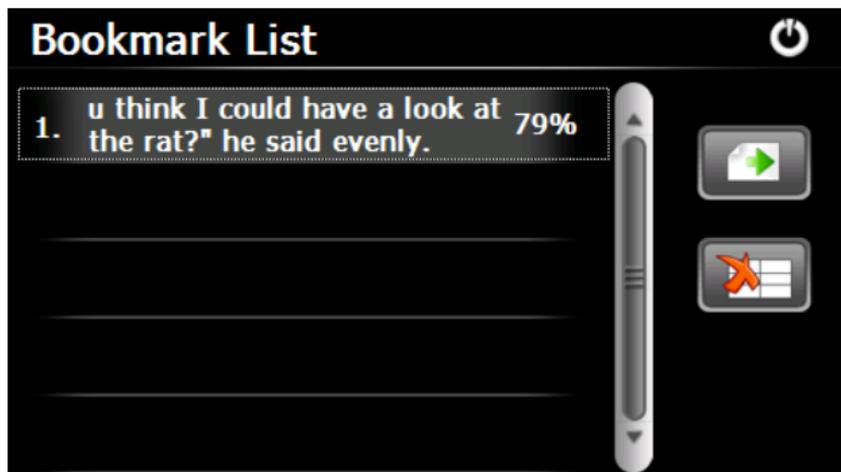
Drag the scroll bar and select a bookmark on the left list. Tap
 to go to the page with the bookmark or tap to
delete the bookmark

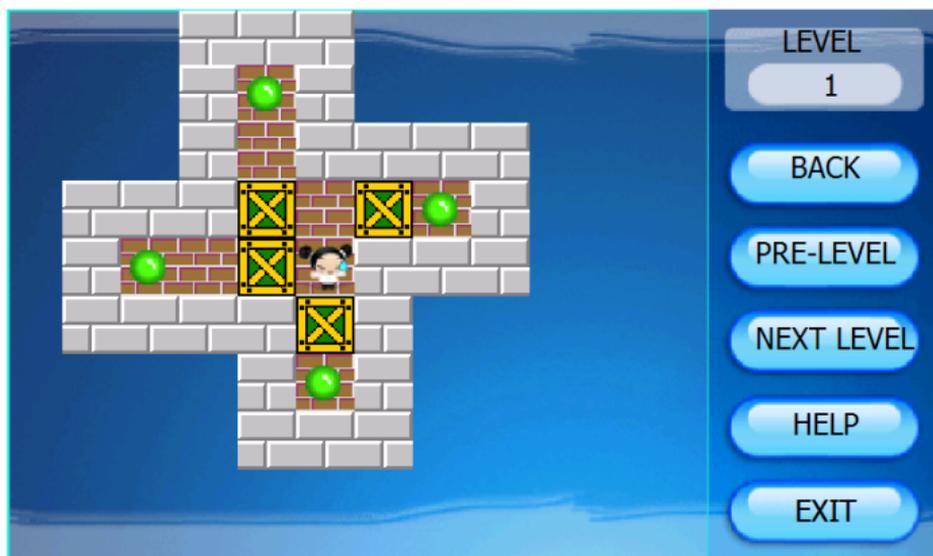# Chapter IV Games

This chapter introduces the usage of Games.

4.1 Othello

Tap ![icon] in the Games interface to enter the interface as shown below.

4.2 BoxMan

Tap ![icon] in the Games interface to enter the interface as shown below.
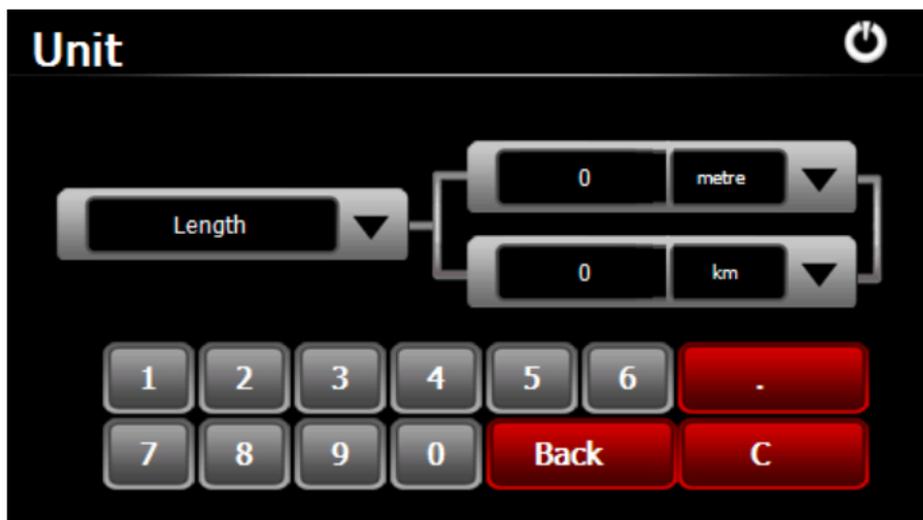

Chapter V Tools

5.1 Calculator

Tap ![icon] in the **Tools** interface to enter the calculator interface as shown below.

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5.2 Unit

Tap in the **Tools** interface to enter the unit converter interface as shown below.

Chapter VI Setting

6.1 Summary

| Function	Explanation
Volume	Adjust the speaker volume; Open/ close the startup music setting
Backlight	Adjust the brightness of touch screen backlight; Latency of auto backlight turnoff under power supply.
Language	System language selection

Date & time	System date setting; System time setting; System time zone setting;
Calibration	If deviation occurs while touching the screen , calibrate the screen.
Desktop	Switch between the GPS interface and WINCE system interface.
FM Transmitter	Transmit audio signals of the navigator to radio sets.
USB setting	Data transmission mode between the navigator and PC.
Navigation path	Select a document path for the navigator.
System info	Display system information including ROM version, software version, OEM version, platform ID and device ID.

6.2 Volume

Tap ![icon] in the setting interface to enter the volume setting

interface as shown below.
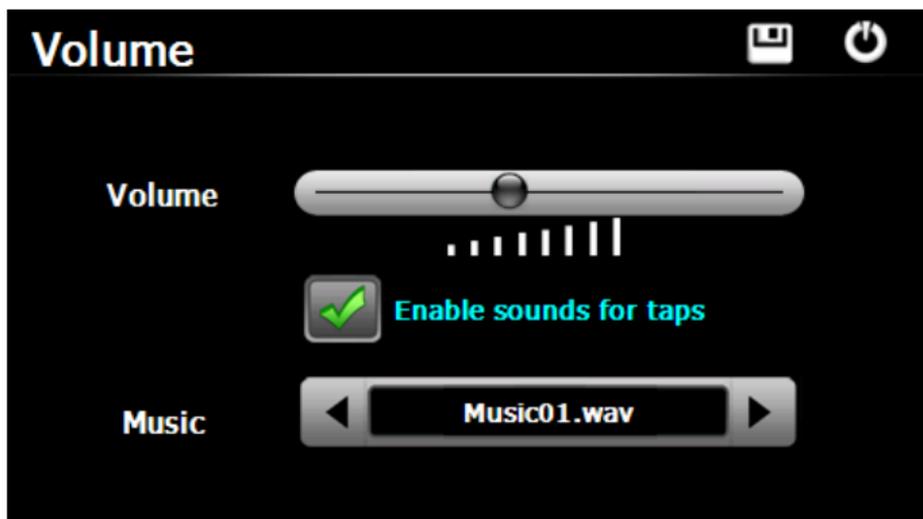
|		
![power](.)	Close	Exit the volume setting.
![slider](.)	Volume	Ten volume grades (from mute to maximum) available. Tap to decrease the volume by grade.
![Enable sounds for taps](.)	Sounds for taps	Tap it to enable the function. Tap it again to disable the function.
![Music01.wav](.)	Power-on music	Tap ◄ or ► to select power-on music or disable it.

6.3 Backlight

Backlight setting includes backlight brightness adjustment and latency of backlight off.

Tap ![icon] in the setting interface to enter the backlight

setting interface as shown below.
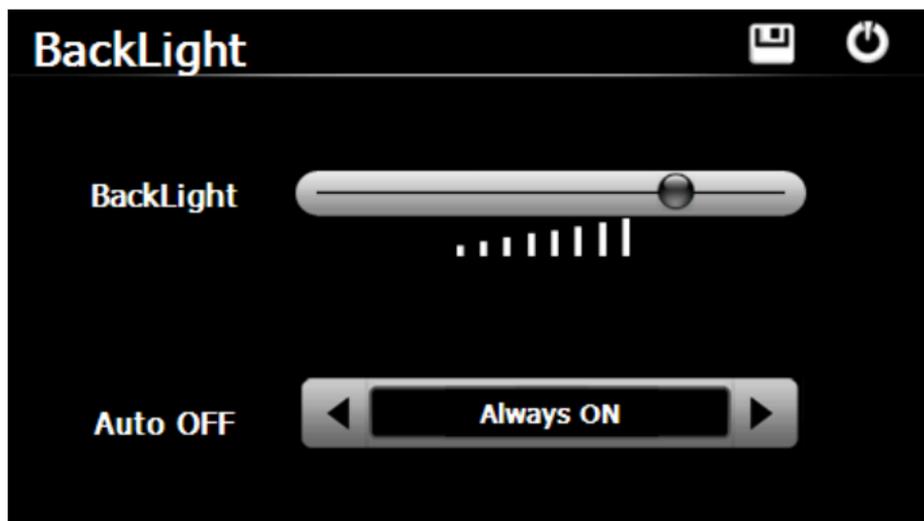
![power icon]	Close	Exit the backlight setting.
![slider]	Backlight	Drag leftward to turn down or rightward to turn up the backlight.

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◀ Always ON ▶	Auto off	Auto backlight shutoff after service stop for a period. The options are always On, 10s, 30s, 1m, 2m and 3m. Tap ◀ or ▶ to view the options in cycle or select one.

6.4 Language

Tap to enter in the setting interface to enter the language setting interface as shown below.

Tap ◀ or ▶ to select a system language and tap 💾 to save the selection.

6.5 Date& Time

Tap ![clock icon] to enter in the setting interface to enter the

language setting interface as shown below.

Date & Time setting includes system date setting, time setting and time zone setting.

6.5.1 Setting the system date and time

In the above interface, tap ▲ or ▼ to set the year, month, day, hour and minute.

[Note]: Time format options are 12-hour and 24-hour.

6.5.2 Setting the system time zone

In the above interface, tap ◀ or ▶ to select a time zone. For example, select "(GMT+08:00) Beijing, Chongqing, Hong Kong, Urumqi" for China.

6.6 Calibration

Tap in the setting interface to prompt the calibration dialog shown as below.
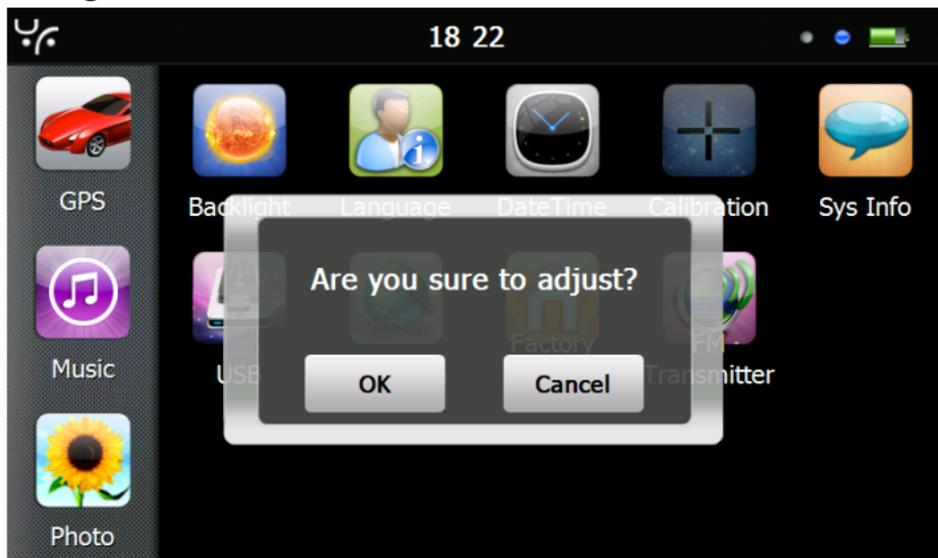
Tap **OK** to execute calibration or **Cancel** to cancel calibration and go back to the setting interface.

Tap **OK**, and the following calibration interface is prompted. Click the center of cross cursor with the touch pen and the cursor shifts from the center, upper left, lower left, upper right and lower right to finish the calibration and the interface will be closed automatically to go back to the setting interface.

Please tap on the crosslines firmly
The crosslines will continue to move until
the screen is aligned.

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6.7 FM Transmitter*

FM transmitter realizes transmission of audio signals of the GPS navigator to radio sets. Adjust the emission frequency of the GPS navigator the same as that of the receiving frequency of the radio, and sounds of the navigator will be output by the amplifier system of the radio sets.

Tap in the setting interface to enter **FM Setting** shown as below.
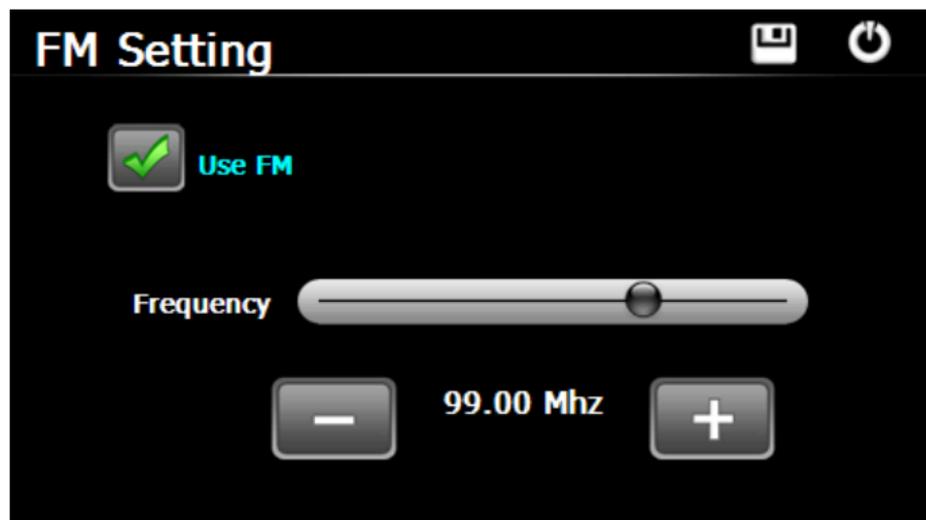
	Close	Exit the FM Setting.
	Save	Save current setting.
	Use FM	Tick in the box to enable FM function.

Frequency

Frequency

Drag the slide block rightward (or tap ⊞) to increase the frequency and leftward (or tap ⊟) to reduce the frequency. The frequency range is 88.00 Mhz-108.00 Mhz.

6.9 USB Setting

Connect the GPS navigator to PC via the MINI USB port to transmit data, or back up data from the navigator data to PC. The GPS navigator provides MASS STORAGE and MS STORAGE modes. Select one in the USB setting.

6.9.1 MASS STORAGE

1. Have the GPS navigator in operation status and the SD card plugged in the slot;

2. Tap ![icon] in the setting interface to enter **USB Option** as shown below.
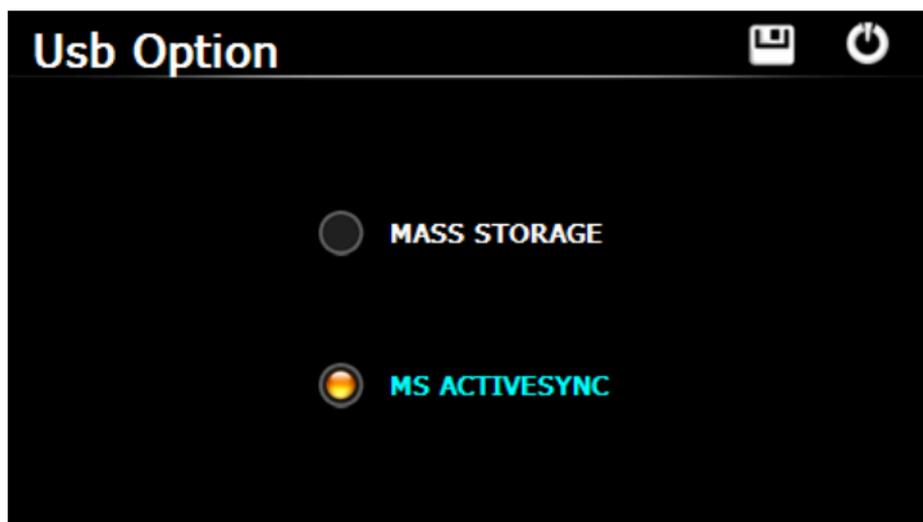
Select **MASS STORAGE** and tap ![icon] to save it.

3. Connect the MINI USB terminal of the USB cord to the

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MINI USB port of the GPS navigator and the standard USB terminal to the USB Host port of PC. Then, the navigator stop the current program and switch to the following interface.

4. Select connect the GPS navigator to PC. The PC will recognize the navigator and prompt the following interface.
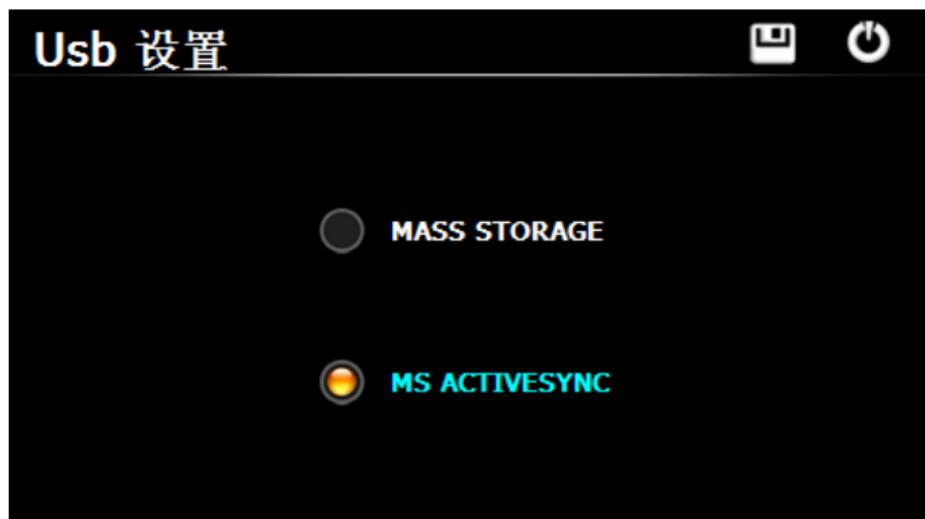
You may select ![icon] to enter USB charging mode and the

system main interface

5. After communication, unplug the MINI USB cable.

6.9.2 MS ACTIVESYNC

1. Tap ![icon] in the setting interface to enter **USB Option** as

shown below.

Select **MASS ACTIVESYNC** and tap 💾 to save the setting.

2. Install the application **Mobile Device** in a drive of PC. Then the following icon will appear in the drive selection.

Mobile Device

3. Connect the MINI USB terminal of the USB cable to the MINI USB port of the GPS navigator and the standard USB terminal to the USB Host port of PC.

4. After the PC finds new hardware, double click the Mobile Device drive in the selection area to enter the memory of GPS navigator for data transmission.

5. After transmission, unplug the USB cable.

[Attention] For data safety back up the navigator data

[Note] If MASS STORAGE is selected while the GPS navigator is connected with PC, other operations will be suspended.

[Attention] The following operations will stop suspend the communication of the system and PC and unsaved data will be lost.

1. Unplugging the MINI USB cable;

2. Powering off the GPS navigator;

3. Resetting the system;

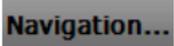4. Tap the on close button on the top right.

6.10 Navigation Path

Insert a SD card with map data into the GPS navigator and

tap to enter the interface shown as below.

Select a map address and tap to save the setting.

Navigation...	Tap to select a map address.
Auto Run Navigation	Tick in the box to run the set navigation map when the navigator is powered on.

6.11 Restoring the Factory Setting

Tap in the setting interface to restore the factory setting.

The following dialog will be prompted.

Tap **OK** to restore the default setting or **Cancel** to return to the setting interface.
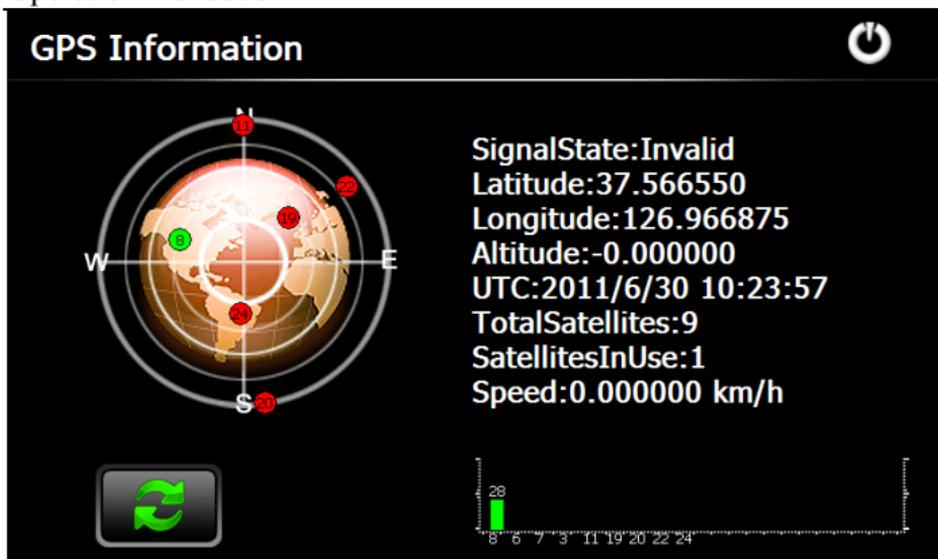
6.12 System Info

Tap ![icon] in the setting interface to view the system

information as shown below.

System Information   ⏻

> RomVersion : 82F.2018.36M7588H
> Software Version: V3.6.E61.11.1
> OEM Info: YFAtlas5
> Platform ID: 5955414E46454E47
> Device ID: 0000000000000000
> SDCard ID: 713965D9

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> ⌒ ALL RIGHTS RESERVED

Chapter VII GPS Info

Tap ![icon] on the system main interface to view the GPS information

as shown below.

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Tap to prompt a dialog as below.

Tap **OK** to reset the GPS satellite or tap **Cancel** to exit.

Chapter IX Troubleshooting
Please carry out the following operations in case of abnormal operation of the GPS navigator. For further problems, please contact our customer service center.

Fault	Reason	Solution
Startup failure	Low battery	Supply external power and charge the battery.
	System down	Reset the GPS navigator.
Sudden power cut	Low battery	Supply external power and charge the battery.
No/ vague display	Low backlight	Turn up the backlight.
	Backlight off	Tap the screen with the touch pan.
Incorrect tapping response	Touch screen not calibrated	Recalibrate the screen.
No sounds	Low volume	Turn up the volume.
	Poor contact of earphone	Connect the earphone.
Communication with PC	Poor USB connection	Connect the USB cable.
GPS signals reception failure	Poor GPS signal	About 3 minutes are needed for low intensity of local GPS satellite signal.

Loss of map data	Accidental deletion	Contact your agent or distributor. Input a new password after recovering the GPS data.