User Manual
GPS 84H-3

Thanks for using   GPS 84H-3!

- JTD reserves the rights of final interpretation of the manual.
- The product is subject to change without notice. Please accept our apology for your inconvenience.
- Please back up your information in the GPS navigator. JTDassumes no responsibility for any loss caused by material loss.
- The manual might contain a few mistakes though it has been checked. If mistakes are found, please contact the JTD customer service center.

- Please read the instructions in this manual and use only accessories of JTD to avoid unpredicted damage. Failure to follow the instructions will invalidate warranty and might endanger personnel safety, for which JTD ssumes no responsibility.
- Data of navigation electronic maps might be inconsistent with actual traffic signals due to transportation development. Please follow traffic regulations and signs and drive according to road situation. Operating the GPS navigator device while driving might cause serious accidents. JTD assumes no responsibility for accidents and   loss due to improper use.

The pictures in the manual are subject to the material object.

Welcome

✓ MSB2521PCBA 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 84H-3 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.
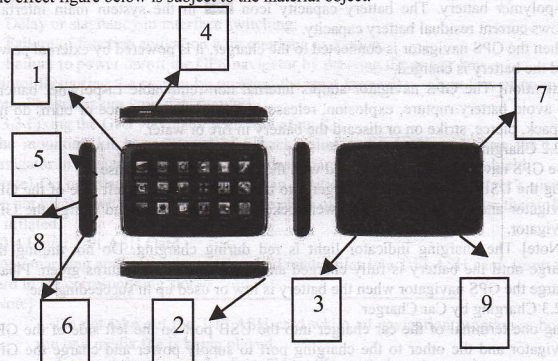
[*]: Optional function

This manual is applicable only to the GPS 84H-3.

Chapter I Beginning Use

This chapter introduces the appearance, components and basic operations of GPS 84H-3.

1.1 Appearance

The effect figure below is subject to the material object.

S N	Component	Explanation
1	Indicator light	Indicating the operating state of external power supply
2	Touch pen slot	Location of the touch pen
3	Speaker	Playing sounds (such as navigation prompt tones, music, etc.)
4	Power key	Powering on/ off and sleep
5	Earphone jack	Connected with the stereophone
6	MINI USB port	Communicating with PC via MINI USB cable and used as the charging port
7	Battery cover	Battery inside
8	SIM slot	SIM card inside
9	Reset key	Restart the system

1.2 Power Supply & Charging

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

1.2.1 Power Supply

The GPS 84H-3 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.

1.2.2 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.

1.2.3 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.

1.3 Basic Use

1.3.1 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.
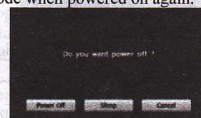
1.3.2 Restarting the System

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.

1.3.3 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.

1.3.4 Using T-FLASH Card

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

[Note]

1. Do not take out the T-FLASH card while an navigation program is being run or a media file is being played.
2. To avoid drop or crash of the T-FLASH card, do not exert heavy pressure

on it or bend it.

3. Avoid using or storing the T-FLASH 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 T-FLASH card to avoid damaging the slot or the card.

1.4 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.
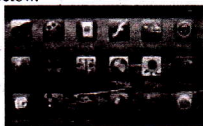
The main functions are listed as below.

Function	Explanation
GPS	Tap to enable navigation function
Music player	WMA9 and WAV files supported; Random, sequence and cycle play supported
Movie player	WMV, ASF and AVI files supported; Adjustment of playing progress, pause and full-screen play supported
E-book	TXT files reading supporting page selection
Flash	SWF files supported;
Wallpaper	Set Desktop Wallpaper
FM	FM channel to adjust the power
Calculator	Units can be calculated
Unit	The unit conversion
Gps info	Recorded signal
Theme	Theme settings
Photo browser	JPG，GIF，BMP and PNG files supported; Photo rotation, zoom in/out and auto play supported
Explorer	Go to the desktop
Gobang	Gobang games
BoxMan	BoxMan games
Snake	Snake games
Nav path	Navigation path specified
Volume	Set Volume
Backlight	Set backlight brightness

Language	Set Language
Datetime	Time and date settings
Calibration	Calibration
Factoty	Factoty
Sys info	Check the latest information
USB	Set the USB function

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 Interface and Operation

3.1 Music Player

Tap in the system main interface to enter the music interface as shown below.
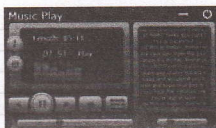
Icon	Name	Explanation
	Close	Close the music player.
	Minimize	Minimize the music player and return to the Media interface.
	Play	Continue playing the paused/ stopped music.
	Pause	Pause the music being played.
	Stop	Stop the music being played.
	Set play sequence	Select sequence, random or cycle play.
	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 [icon] in the interface Music Play to enter the Music list shown as below.

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Icon	Name	Explanation
	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 Movie Player

Tap [icon] in the video player interface shown as below.

Icon	Name	Explanation
×	Close	Close the video player.

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Icon	Name	Explanation
	Previous film	Play the previous film.
	Play	Continue playing the paused/ stopped music.
	Next film	Play the next film.
	Stop	Stop the film being played.
	Video folder	Enter it to select a film to play.
	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	Time	Display the play time and the music duration.

Tap in the Video Player interface to enter the video folder shown as below.
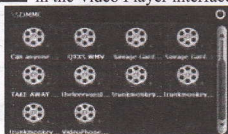
Icon	Name	Explanation
	Close	Close the video folder.
	Scroll bar	Drag the sliding block upward/ downward to view all the files inside the folder.
QXXS.WM	Film name& format	Film name and its format

3.3 RM player

Tap in the video player interface shown as below.

3.4 E-book Reader

Tap in the Media interface to enter the reader interface shown as below.
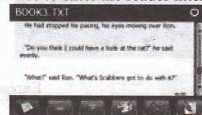
Icon	Name	Explanation
FUCHEN.TX	File name& format	Current file name and format.
	Close	Close the reader.
	Scroll bar	Drag the sliding block upward/ downward to view all content of the e-book.
	Folder	Enter the e-book folder to select an e-book to read.
	Previous	Read the previous page.
	Next	Read the next page.
	Setting	Select a text theme, font, word size and bold type.
	New bookmark	Select partial text and tap the icon to create a bookmark.

Icon	Name	Explanation
	Bookmark list	Enter the bookmark list to select or delete a bookmark.
1/305	Page/ total pages	Current page/ total pages

Tap in the e-book reader interface to enter the setting interface shown as below.

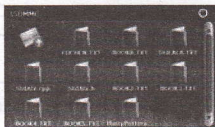| Icon	Name	Explanation
	Close	Exit the setting interface
	Save	Save the setting.
Theme	Theme	Tap to select a theme for the e-book.
Font	Font	Tap to select a font for the e-book.
Bold	Bold	Tap to enable bold type. Tap it again to cancel.

Tap in the e-book reader interface to enter the e-book folder shown as below.

Icon	Name	Explanation

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.
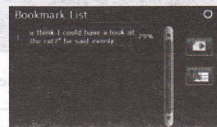
Drag the scroll bar and select a bookmark on the left list. Tap to go to the page with the bookmark or tap to delete the bookmark.

3.5 Flash player

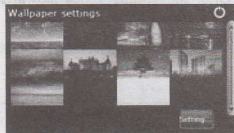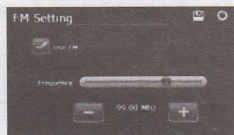Tap in the photo browser interface shown as below.

3.6 Wallpaper

Tap [Wallpaper] in the photo browser interface shown as below.

3.7 FM

Tap [FM Trans...] in the photo browser interface shown as below.

	Close	Exit the FM Setting.
	Save	Save current setting.
Use FM	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.

3.8 Calculator

Tap [Calculator] in the photo browser interface shown as below.

3.9 Unit

Tap [Unit] in the photo browser interface shown as below.
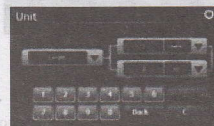
3.10 GPS info

Tap [GPS Info] in the photo browser interface shown as below.
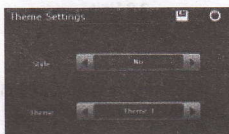

Tap [ ] to prompt a dialog as below.

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

3.11 Theme

Tap in the photo browser interface shown as below.

3.12 Photo Browser

Tap in 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.
	Close	Close the browser and return to the Media interface.

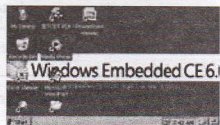Tap in the browser interface to enter the photo folder shown as below.

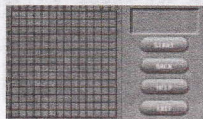| Icon	Name	Explanation
	Close	Close the current folder.
	Return	Return to the previous folder.
	Scroll bar	Drag the sliding block to view all the photos.

3.13 Explore

Tap in the photo browser interface shown as below.

3.14 Gobang

Tap [icon] in the photo browser interface shown as below.
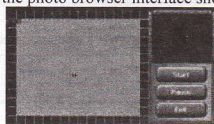

3.15 Boxman

Tap [icon] in the photo browser interface shown as below.
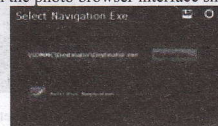

3.16 Snake

Tap [icon] in the photo browser interface shown as below.

3.17 Nav path

Tap [icon] in the photo browser interface shown as below.

Select a map address and tap [icon] to save the setting.

| [icon] | 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. |

3.18 Volume

Tap [icon] in the photo browser interface shown as below.

[icon]	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.

3.19 Backlight

Tap [icon] in the photo browser interface shown as below.

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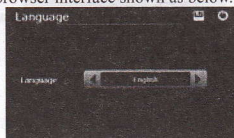| Close | Exit the backlight setting. |
| Backlight | Drag leftward to turn down or rightward to turn up the backlight. |
| Auto off | Auto backlight shutoff after service stop for a period. The options are always On, 10s, 30s, 1m, 2m and 3m. Tap ◀ or ▶ to view the options in cycle or select one. |

3.20 Language

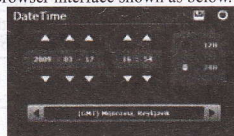Tap ▦ in the photo browser interface shown as below.

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

3.21 Date time

Tap ▦ in the photo browser interface shown as below.

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.
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.

3.22 Calibration

Tap ▦ in the photo browser interface shown as below.

Tap yes to execute calibration or no to cancel calibration and go back to the setting interface.

Tap no, 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.
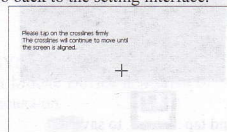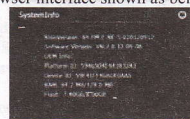

3.23 Factory

Tap ▦ in the photo browser interface shown as below.

3.24 Sys info

Tap ▦ in the photo browser interface shown as below.

3.25 USB

Tap [icon] in the photo browser interface shown as below.

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;

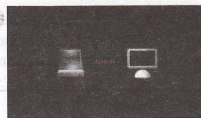2. Tap [icon] in the setting interface to enter USB Option as shown below.

Select MASS STORAGE and tap [icon] to save it.

3. Connect the MINI USB terminal of the USB cord to the 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 [icon] to 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 [icon] 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.

Chapter IV 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.