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. JTD assumes 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 assumes 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.
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 stagnation 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.

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

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 turnover may influence signal reception, resulting in positioning failure, inaccurate positioning, navigation failure or system function abnormality. 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.
Close the music player.

Minimize the music player and return to the Media interface.

Continue playing the paused/ stopped music.

Pause the music being played.

Stop the music being played.

Select sequence, random or cycle play.

Play the previous music.

Play the next music.

Drag it leftward to turn down or rightward to turn up the volume.

Drag it leftward or rightward to play from a previous or future moment.

Enter it to select music to play.

Display the run time.

Enter the equalizer.

Close the video player.

Close the Music List

Drag it upward/ downward to view all music.

Add a piece of music on the left list to the play list on the right.

Add all the music on the left list to the play list on the right.

Select one piece of music in the play list and tap the icon to delete it.

Delete all the music in the play list.

3.2 Movie Player

Tap in the video player interface shown as below.

Close the video player.
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.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Name</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Close</td>
<td>Close the video folder.</td>
<td></td>
</tr>
<tr>
<td>Scroll bar</td>
<td>Drag the sliding block upward/downward to view all the files inside the folder.</td>
<td></td>
</tr>
<tr>
<td>QXXS.WM</td>
<td>Film name and its format</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Icon</th>
<th>Name</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Close</td>
<td>Close the reader.</td>
<td></td>
</tr>
<tr>
<td>Scroll bar</td>
<td>Drag the sliding block upward/downward to view all content of the e-book.</td>
<td></td>
</tr>
<tr>
<td>Folder</td>
<td>Enter the e-book folder to select an e-book to read.</td>
<td></td>
</tr>
<tr>
<td>Previous</td>
<td>Read the previous page.</td>
<td></td>
</tr>
<tr>
<td>Next</td>
<td>Read the next page.</td>
<td></td>
</tr>
<tr>
<td>Setting</td>
<td>Select a text theme, font, word size and bold type.</td>
<td></td>
</tr>
<tr>
<td>New bookmark</td>
<td>Select partial text and tap the icon to create a bookmark.</td>
<td></td>
</tr>
</tbody>
</table>
Enter the bookmark list to select or delete a bookmark.

Current page/total pages

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

1. Theme
   - Tap to select a theme for the e-book.

2. Font
   - Tap to select a font for the e-book.

3. 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.

To create a bookmark, locate a page by tapping 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.

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 in the photo browser interface shown as below.

3.7 FM

Tap in the photo browser interface shown as below.

<table>
<thead>
<tr>
<th>Close</th>
<th>Exit the FM Setting.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Save</td>
<td>Save current setting.</td>
</tr>
<tr>
<td>Use FM</td>
<td>Tick in the box to enable FM function.</td>
</tr>
<tr>
<td>frequency</td>
<td>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.</td>
</tr>
</tbody>
</table>

3.8 Calculator

Tap in the photo browser interface shown as below.

3.9 Unit

Tap in the photo browser interface shown as below.

3.10 GPS info

Tap to prompt a dialog as below.
3.11 Theme

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

3.12 Photo Browser

Tap in the photo browser interface shown as below.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Name</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Previous</td>
<td>View the preview photo in the folder.</td>
<td></td>
</tr>
<tr>
<td>Next</td>
<td>View the next photo in the folder.</td>
<td></td>
</tr>
<tr>
<td>Zoom in</td>
<td>Scale up current photo.</td>
<td></td>
</tr>
</tbody>
</table>

3.13 Explore

Tap in the photo browser interface shown as below.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Name</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Close</td>
<td>Close the current folder.</td>
<td></td>
</tr>
<tr>
<td>Return</td>
<td>Return to the previous folder.</td>
<td></td>
</tr>
<tr>
<td>Scroll bar</td>
<td>Drag the sliding block to view all the photos.</td>
<td></td>
</tr>
<tr>
<td>Zoom out</td>
<td>Scale down current photo.</td>
<td></td>
</tr>
<tr>
<td>Rotate</td>
<td>Rotate current photo 90° clockwise.</td>
<td></td>
</tr>
<tr>
<td>Auto play</td>
<td>Cycle play all the photos in the folder from current photo.</td>
<td></td>
</tr>
<tr>
<td>Folder</td>
<td>Enter the photo folder to select a photo.</td>
<td></td>
</tr>
<tr>
<td>Close</td>
<td>Close the browser and return to the Media interface.</td>
<td></td>
</tr>
</tbody>
</table>
3.14 Gobang

Tap in the photo browser interface shown as below.

3.15 Boxman

Tap in the photo browser interface shown as below.

3.16 Snake

Tap in the photo browser interface shown as below.

3.17 Nav path

Tap in the photo browser interface shown as below.

Select a map address and tap to save the setting.

Tick in the box to select a map address.

3.18 Volume

Tap in the photo browser interface shown as below.

Close

Exit the volume setting.

Volume

Ten volume grades (from mute to maximum) available. Tap to decrease the volume by grade.

Sounds for taps

Tap it to enable the function. Tap it again to disable the function.

Power-on music

Tap or to select power-on music or disable it.

3.19 Backlight

Tap in the photo browser interface shown as below.
[Note]: Time format options are 12-hour and 24-hour. Setting the system time zone

In the above interface, tap \( \rightarrow \) or \( \leftarrow \) to select a time zone. For example, select “(GMT+08:00) Beijing, Chongqing, Hong Kong, Urumqi” for China.

3.22 Calibration

Tap \( \rightarrow \) 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 \( \rightarrow \) in the photo browser interface shown as below.

3.24 Sys info

Tap \( \rightarrow \) in the photo browser interface shown as below.

Setting the system date and time

In the above interface, tap \( \uparrow \) or \( \downarrow \) to set the year, month, day, hour and minute.
3.25 USB

Tap  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  in the setting interface to enter USB Option as shown below.

Select MASS STORAGE and tap  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  to connect the GPS navigator to PC. The PC will recognize the navigator and prompt the following interface.

You may select  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  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.

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.

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### 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.

<table>
<thead>
<tr>
<th>Fault</th>
<th>Reason</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Startup failure</td>
<td>Low battery</td>
<td>Supply external power and charge the battery.</td>
</tr>
<tr>
<td></td>
<td>System down</td>
<td>Reset the GPS navigator.</td>
</tr>
<tr>
<td>Sudden power cut</td>
<td>Low battery</td>
<td>Supply external power and charge the battery.</td>
</tr>
<tr>
<td>No/ vague display</td>
<td>Low backlight</td>
<td>Turn up the backlight.</td>
</tr>
<tr>
<td></td>
<td>Backlight off</td>
<td>Tap the screen with the touch pan.</td>
</tr>
<tr>
<td>Incorrect response</td>
<td>Touch screen not</td>
<td>Recalibrate the screen.</td>
</tr>
<tr>
<td>tapping</td>
<td>calibrated</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Low volume</td>
<td>Turn up the volume.</td>
</tr>
<tr>
<td>No sounds</td>
<td>Poor contact of</td>
<td>Connect the earphone.</td>
</tr>
<tr>
<td></td>
<td>earphone</td>
<td></td>
</tr>
<tr>
<td>Communication with PC</td>
<td>Poor USB connection</td>
<td>Connect the USB cable.</td>
</tr>
<tr>
<td>GPS signals reception</td>
<td>Poor GPS signal</td>
<td>About 3 minutes are needed for low intensity of local GPS satellite signal.</td>
</tr>
<tr>
<td>failure</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Loss of map data</td>
<td>Accidental deletion</td>
<td>Contact your agent or distributor. Input a new password after recovering the GPS data.</td>
</tr>
</tbody>
</table>