



**User Manual
(English)**



Thank you for choosing and purchasing the TIBO Navigation system, the most complete on the market. This model includes:

- ✓ *CPU to ensuring remarkably powerful performance*
- ✓ *LCD equipped with extremely high brightness, anti-reflective view, millions of colors and landscape-style display*
- ✓ *Premium multimedia function supporting, navigation, music (MP3), video (MPEG4) and picture (JPEG)*
- ✓ *Dream-speed GPS (SIRFIIIstar/SIRFIIIXtrac) proudly presenting exceptionally quick cold/warm/hot start as well as extensibility to external antenna*
- ✓ *Slim, chic and unique design highlighted with charming turn-indicating lamps*
- ✓ *SW based on Microsoft WinCE .Net and easy-to-use mapping data plus navigation application preinstalled in SD memory card*

1. About This Book

This handbook provides a quick guide to the TIBO NAVIGATION system, and the basic functions of the device are described, mainly in respect of hardware. For reasons of product development some of the information is not up-to-date as yet, and contents may be changed at any time without prior notification. No liability shall be assumed for technical or editorial errors or omissions herein; nor for incidental or consequential damages resulting from the performance or use of this material.

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2. For Proper/Best Use

2.1 General

- Ⓐ Effective route planning prior to beginning each journey is recommended. If you need to setup a new itinerary while en route, find an absolutely safe place in which to do so, or drive to a parking site first. For your own safety, do not operate the product while driving.
- Ⓑ The product is intended to be used only as a navigation aid, not as a precise measurement of direction, distance, location or topography. Because calculated routes and voice guidance are for reference only and may be different from the actual road circumstances, it is the user's responsibility to follow traffic signs, road layout and local regulations above all else.
- Ⓒ When you get out of the car, please do not leave your device on the dashboard in direct sunlight, since an overheated battery can cause malfunction and/or hazard. Use the product within the recommended operational temperature range (0°C ~ 50°C), and do not expose it to excess heat or cold.
- Ⓓ GPS satellite signals cannot pass through solid materials other than glass. So when you are inside a tunnel or a building or in case of metallic windshield, GPS positioning may not be available. Likewise, signal reception can be affected by situations such as bad weather or dense overhead cover such as trees. Similarly, wireless devices may interfere with satellite signals, causing variable signal reception.
- Ⓔ Look at the display only when it is absolutely safe to do so. If you have not fully understood

2. For Proper/Best Use

2.1 General

the instructions given by the device, or if you are not sure about what to do next, you may refer briefly to the map or arrow view of your navigation system.

- ⓘ A car holder is necessary when using the device in a car, and it is strongly recommended that you place the device in an appropriate place, avoiding areas for example which obstruct airbag panels and instrumentation, or which interfere with the driver's vision.
- ⓘ Taking good care of your device will ensure trouble-free operation and reduce the risk of damage to it. Use only the stylus to tap on the screen. Avoid touching it with your fingers, pens, pencils or any other sharp objects. Never clean your device with the power on. Use a soft, lint-free cloth moistened with water to wipe the screen and the exterior of your device. Do not use paper towels to clean the screen. Do not place anything on top of your device or drop objects on top of it. Do not drop your device or subject it to severe shock. Be careful not to sit on your device when it is in the back pocket of your trousers, etc. The screen surface is easily scratched.
- ⓘ Keep your device away from excessive moisture and extreme temperatures. Do not subject your device to sudden and severe temperature changes that could cause condensation inside the unit, with consequent damage. In the event of moisture condensation, allow your device to dry out completely. Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.

2. For Proper/Best Use

2.2 Safety Precaution

Ⓐ Main System

Never attempt to disassemble, repair or make any modification to your device since this could cause damage to the device, and even bodily injury or property damage. Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device and its parts or accessories.

Ⓑ Battery

This device contains a non-replaceable Lithium-Ion internal battery that can burst or explode, releasing hazardous chemicals. To reduce the danger of fire or burns, never disassemble, crush, puncture, or dispose of in fire or water. Since there is a high risk of explosion if the battery is replaced by an incorrect type, replace it only with same type or an equivalent one recommended by the manufacturer. The battery must be recycled or disposed of properly. Similarly, use a specified battery charger as approved by the manufacturer.

Ⓒ SD Memory Card

Keep SD or MMC cards in a well-protected case so as to avoid dust and humidity when you are not using it, and also make sure that no foreign objects can enter the SD slot.

3. Getting It Started

3.1 Inserting a SD Card

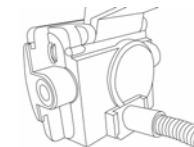


Your device has an SD slot in the centre of the top, for an optional Secure Digital card storing the initial startup program, digital maps and other data i.e. MP3 files, movie files and image files. To use the memory card, insert it with the connector pointing down into the slot, and the label facing the front of the device. To remove the card, first make sure that no application is accessing it, slightly push the top of the card to release it, and then pull it out of the slot. To take out the card, please turn off the unit. Before to insert another card, please press on the reset button. When you put SD Card into SD Slot located at the top device, please give a deep and hard push, which works for taking it out of the slot as well.

3.2 Mounting & Connecting



1. First, clean the windshield. Then, Push the center of the suction cup onto the windshield and then press the fixing lever down



2. Slide the rectangular part of the suction-cup mount into the corresponding part at the bottom rear of the unit

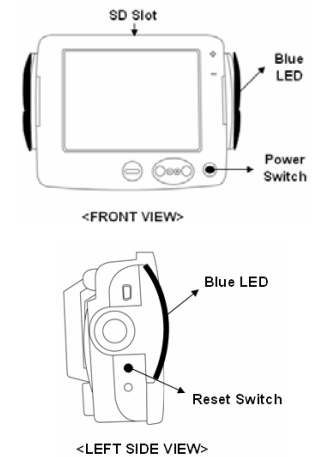


3. Insert the jack at the end of the DC power lead into the small socket on the side of device and put the other end into the cigar lighter socket.

3. Getting It Started

3.3. Power Manipulation

Function	Concept	How To Do
Power On	In the literal sense of the word (no other special explanation should be necessary)	Pressing Power Switch. In case of first use or when device is discharged, connect power into the unit thru cigar power jack or AC adaptor, then press Power Switch button.
Reset	A state where the reset of CPU itself applies as well (you can choose this as a last resort in case system doesn't seem to work properly)	Pressing Reset Switch once
Power Off	A state where whole power has been completely out off and only battery charging logic is still working (in case 12V power jack is connected to device, battery can be charged through such a logic)	Pressing Power Switch and Reset Switch simultaneously and then softly releasing Power Switch only
Sleeping Mode	A state where CPU has already gone into power-saving state and only SDRAM and battery-charging circuit of external logic are still running.	Pressing Power Switch for more than 3 sec until Blue LEDs blink and then getting it off
Screen Saving Mode	A state only the screen is powered off	Pressing shortly on Power Switch

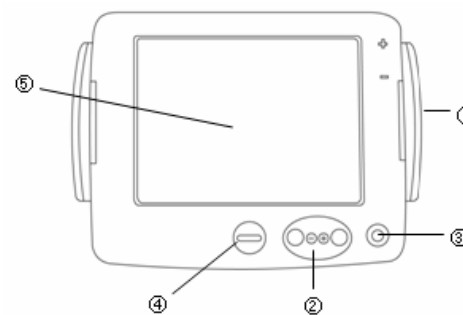


WARNING: the battery is still running and discharging in all modes, except Power Off mode.

* Please allow this delicate gadget to have enough time for its operation (e.g. in pressing buttons, tapping touch screen, executing each menu, pushing in/out SD card etc.) since running it too hastily/excessively often leads to mechanical trouble.

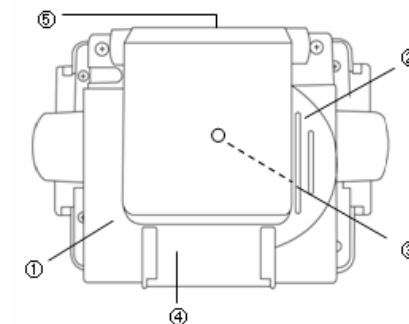
4. Hardware Features

4.1 Front View



- ① Turn-Indicating Lamp
- ② Map Zoom-In/Out Button
- ③ Power On/Off Button
- ④ Main Menu Button Knob
- ⑤ Touch Screen

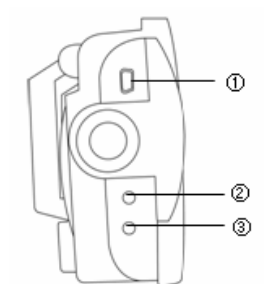
4.2 Rear View



- ① Built-In Battery
- ② Speaker
- ③ External GPS Connector
- ④ Docking Mount Connector
- ⑤ Secure Digital Card Slot

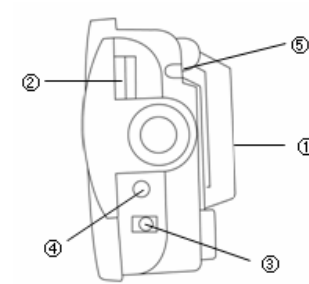
4. Hardware Features

4.3 Left Side



- ① USB Connector
- ② Reset Button
- ③ Sync Button

4.4 Right Side



- ① GPS antenna
- ② Volume Control
- ③ Power-Supply Jack
- ④ Audio-Out Jack
- ⑤ Stylus-Pen Pocket

5. Hardware Accessories

5.1 Standard



- ① Manual CD
- ② Quick Guide
- ③ Suction-Cup Mount
- ④ Stylus-Pen
- ⑤ Cigar-Lighter Adapter
- ⑥ Carrying Case
- ⑦ USB Cable

5.2 Options



- ① SD Memory Card
- ② Hard-Case Mount
- ③ Luxury Case

6. A Look at the Home Screen

6.1 Overview

When you first turn your device on, the home screen appears as shown here. At the top right corner you can see a battery-status indicator, together with the actual percentage of charge remaining, whilst the time clock is at the top left corner.

For the main menus, there is first a group of the six most frequently used buttons (NAVI, MUSIC, MOVIE, PICTURE, GPS & BRIGHTNESS), which appear in the centre, and then when you click the down arrow button on the right hand side, three more (TIME SET, CALIBRATE, & ABOUT) come up.

Each button represents a software feature (NAVI, MUSIC, MOVIE or PICTURE) or a setting-related function (GPS, BRIGHTNESS, TIMESET, CALIBRATE or ABOUT); to access one of them, just tap the corresponding button. Remember to press the TIBO knob button whenever you jump back to the Home Screen or step back to an upper-level screen. The following sections describe these nine buttons.



6. A Look at the Home Screen

6.2 Navigation

This function guides you to your final destination by voice prompts and a mapping screen, showing crossroads, city names and much more. It also provides various map-guiding modes and the approximate time left to your destination. For your safety, it also lets you know when to make a turn, by means of a blinking lamp on the left/right side.

Pop into the Navi menu and wait for the navigation program to load all the necessary data. Soon a digital map will appear before your eyes. For further information regarding navigation usage, refer to the separate quick-guide book dedicated to the map application, or the full-version user manual contained in the SW CD provided with the TIBO navigation package.



6. A Look at the Home Screen

6.3 Music

Thanks to this program, you can listen to your favorite music while driving. Since the MP3 browser has been pre-installed, you just need to download and save your favorite songs.

When stepping into the Music menu, you will find a complete digital MP3 player in your device. The upper part of the player has a play list from which you can select, and also a music slider which helps you to select the point where you want the music to start, by dragging the square button to the right.

There are more buttons in the lower part. In order from the left side: backwards, play-and-pause and, lastly, playback (the cycle-symbol button) to repeat the current file. In addition, a scroll bar and on/off switch are provided, the former for volume control and the latter for sound-on and sound-off.



6. A Look at the Home Screen

6.4 Movie

How about enjoying some movies right inside your car? Go for it! - all you have to do is download movie files to the extra storage.

After tapping the Movie button on the Home screen, select an item you want to play by nudging the up or down arrow button. Once you are ready, simply hit the Play button. Now you can feel just as if you are inside some kind of movie theater.

During movie screening, if you have missed a scene and want to go back to a certain point, all you have to do is to touch the screen. The screen will freeze so that you can manipulate the slider to jump from one part of the movie to another. Touching the screen once again will unfreeze the screen.

* Supported format: MPEG4



6. A Look at the Home Screen

6.5 Picture

You want to take your precious pictures of home and family with you, everywhere you go? Just save them and play this menu – you will get endless pleasure from it.

To enjoy it, tap the 'Picture' menu and you will see a frame with an image on the left and playing buttons on the right. The left arrow button leads you to a previous image while the right arrow button leads to the next one. If you want to see a picture in full-screen mode, just touch the screen, and everything will disappear except the picture, making your device look like a photo frame.

Further, the plus button enables you to add the present image to your special photo album, and the 'My' button actually takes you to another screen for an album that is full of your favorite collection. The first two buttons at the top function the same as in the previous screen, but the two below act differently. The X button totally deletes the image from the album and the double right arrow button has the same result as touching the screen – i.e. it makes an image full size.

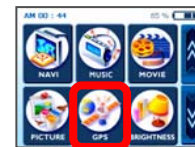


6. A Look at the Home Screen

6.6 GPS

If your Navi appears to be unstable, please check the satellite acquisition signals received by the GPS antenna; tapping into the "GPS" menu and resetting the GPS status may help you to rectify the situation.

Once you get into the second screen, you will find something like a GPS dashboard. There, 'State' gives the overall performance of the GPS antenna in terms of acquiring satellite signals, where V means failure and 2D/3D means success. 'Satellite' tells you which satellite signals are acquired (by the device's antenna) from all that are available. PDOP is an abbreviation of Positional Dilution of Precision, HDOP of Horizontal Dilution of Precision and VDOP of Vertical Dilution of Precision. The numerical values for these three are literally 'the smaller, the better'. At the bottom, you can see cells with unique numbers in them, which represent the respective satellites, and graphic bars with figures below them, which show the current detailed status in obtaining a signal from each satellite. If you want to start afresh, tap the Reset button. The GPS antenna will start all over again. When you change of area, it is recommended to press on the reset button.

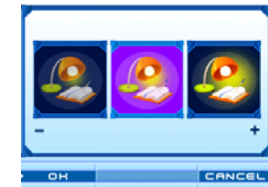
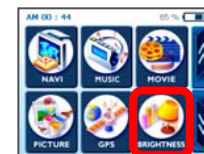


6. A Look at the Home Screen

6.7 Brightness

Initially your device has the backlight set to a default setting. However, according the time of day – daytime or nighttime - or other physical conditions or personal needs, you can select the most suitable navigation view, at the most comfortable level, by adjusting the brightness of the screen. Once you customize it, the settings will remain till the next change.

To open the BRIGHTNESS screen, tap the 'BRIGHTNESS' button on the home screen. Three icons will appear there, each indicating a different degree of brightness; the one at the left provides the darkest LCD, the one in the middle gives a moderately lit LCD, and the one at the right produces the brightest LCD screen. By tapping, just choose whichever you wish. If you are completely satisfied with the change you have made in the brightness setting, just touch the OK button on the screen – unless, that is, you want to undo the change by clicking 'Cancel'.

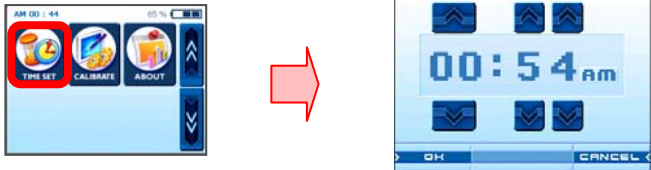


6. A Look at the Home Screen

6.8 Time Setting

When you are traveling around, you will be better off taking advantage of the time-setting function based on your present location, for the sake of convenience. To set the time, tap the TIME SET button. Then you will see an up arrow over the first set of double figures, and a down arrow under them; these will increase or decrease the 'hours'.

Likewise, up/down arrows over/under the next two single-digit figures - in the same way as before - alter the minutes. In addition, you will find a small AM (or PM) section; tapping it will toggle between the two. When you have completely finished setting the time, just touch the OK button on the screen, unless you want to undo the setting by nudging 'Cancel'.

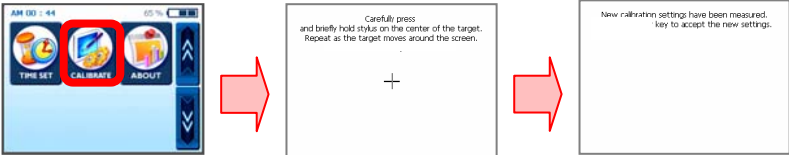


6. A Look at the Home Screen

6.9 Calibration

If the touch screen of your device doesn't seem to work correctly - not responding accurately to your stylus taps - you can adjust it with CALIBRATE, the screen-measuring function. After this adjustment, the LCD display screen may be able to perform and react correctly.

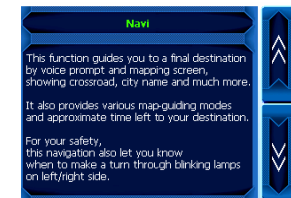
To begin the calibration, tap and hold the center of the target. When the target moves to another position, tap and hold again. Repeat the same step to complete the adjustment. Once the calibration is complete, a new screen with a message starting "New calibration settings have been measured" will appear. If you feel OK with the changed settings, just touch the screen. Otherwise, press the TIBO button to return to the original menu.



6. A Look at the Home Screen

6.10 About

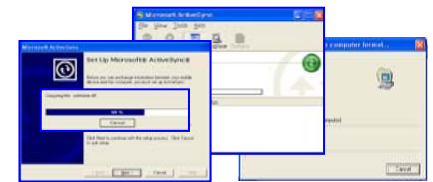
Here you can find a brief explanation for each function of the main service menu. Enter the About menu and the first thing you will find are some descriptions of the Navi function. If you want to figure out what the other menus are all about, just keep tapping the up or down arrow buttons.



7. Transferring Multimedia Files

7.1 Using USB Cable

① You need the Microsoft ActiveSync Program (of which there are various versions) to be installed in your PC in order to transfer the various music/movie files you want to enjoy, while on the move, to the TIBO Navigation system; and once you have installed the program, you don't need to do it again. To begin with, copy MSASync.EXE at the [ActiveSync] folder in the SW CD provided to your PC by double clicking.

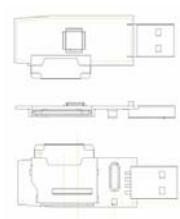


② As for music/movie files, first put the socket of AC power adapter and into an outlet and, at the same time, the other end into DC jack of the device. Next, connect the mini-USB end of the USB cable to its top left and the other end to a USB port on your computer. Next, press the sync button at the bottom left and Move to the appropriate location (folder) in the storage card – going to [my computer], [Mobile Device] and finally [Storage Card] - so that the MP3 Player program can detect and play MP3 files. Select and copy your targeted files/whole folder in one of the drives on your PC, or on a CD or any other type of storage disk to the [my computer]-[Mobile Device]-[Storage Card].

*** When you connect the TIBO Navigator to a computer through the provided USB cable, it is important not to modify the system files and to limit the connexion to the transfer of files. In case wrong information is transmitted to the TIBO Navigator, it should damage irremediably your TIBO Navigator. This kind of damage is easily recognizable by our technical services; it is imperative to be really careful with the connexion to a computer. All internal deterioration of the TIBO Navigator is not under guarantee.**

7. Transferring Multimedia Files

7.2 Using an SD Card Reader



- ① Insert an SD storage card (there are brands specified/ supported by TIBO Navigation) into your device and turn on your computer and the device. Once the SD reader and your PC are connected by a mini USB cable, move the desired objects to the SD card

FCC Information

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 interface, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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 correct the interference by one or more of the following measures:

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

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority operate the equipment.