

## TERMS & CONDITIONS

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5. The planned, shortest, quickest routes and estimated time to desired destinations are obtained from optimal route calculations based on the map database and should be used as a reference only. This device must not be used for any purpose requiring precise measurement of direction, distance, location or topography.
6. Do not fix or mount the device on such part of the windscreen that will interfere with driving of the motor vehicle or be hazardous or dangerous to the driver or occupants in the motor vehicle. User shall be responsible for his/her use of the maps stored therein and the device, and shall at all times comply with all traffic laws and regulations of the country of usage.
7. The usage of this device is dependent on the Global Positioning System (GPS) which is operated by the United States government and is solely responsible for its accuracy and maintenance. The system is subject to changes which may affect the performance and accuracy of the GPS navigator devices.
8. The use of the device is at the User's own risk. Lokatoo and the company is not liable for any fines, penalties, damages or loss whether direct, indirect, incidental, special, exemplary, or consequential damages however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of the device.



## HARDWARE USER MANUAL

### Lokatoo B1000

Version 2.4

#### What is in the box?

01. Lokatoo B1000 GPS Navigator
02. Stylus
03. Pouch
04. Holder (Stand-type)
05. Cradle
06. Backup base
07. Suction pad protector
08. Cleaning sponge
09. In-car charger
10. Travel adaptor
11. USB cable
12. CD containing map and manual
13. SDMMC Card c/w navigation software & map
14. Quick guide
15. Software user manual
16. Hardware user manual
17. Warranty card

For the latest version of this manual, please visit  
[www.lokatoo.com](http://www.lokatoo.com)

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#### Precautions and Notices

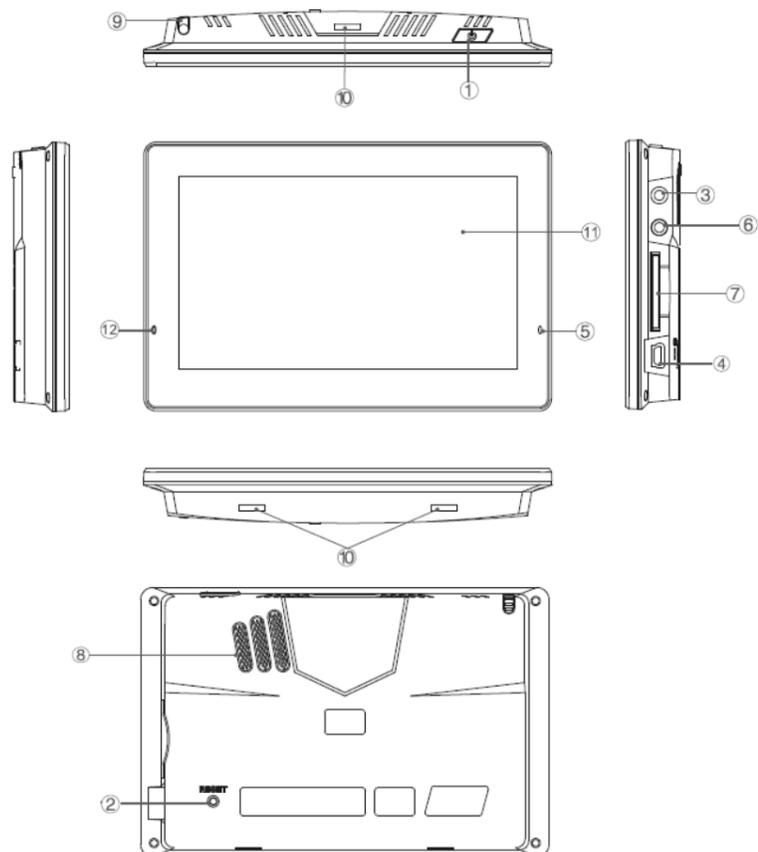
- For your own safety, do not operate the controls of the product while driving.
- When you get off the car, do not leave your device on the dashboard that is subject to direct sunlight. The overheating of the battery can cause malfunction and/or danger.
- Global Positioning System (GPS) is operated and managed by the United States of America Department of Defense, which is solely responsible for the performance of GPS. Any change or modification may affect the accuracy of the GPS and its related systems.
- GPS satellite signals cannot pass through solid materials (except glass). When you are inside a tunnel or building, GPS positioning is not available.
- A minimum of 3 GPS satellite signals is needed to determine current GPS position. Signal reception can be affected by situations such as bad weather or dense overhead obstacles (e.g. trees and tall buildings).
- Other wireless devices in the vehicle might interfere with the reception of satellite signals and cause the reception to be unstable.
- A car holder is needed when using the device in a car. Be sure to place the device in an appropriate place, so as not to obstruct the driver's view, or deployment of airbags.
- Please remove SD/MMC card only when the device is in power off status.
- When USB transmitting, **Do Not** disconnect the USB cable. When other applications are operating, **Do Not** connect USB cable.
- The navigation software may be updated from time to time. If the description shown in this manual is different, please follow the software version currently on hand.

#### Battery Information

For optimal performance of the Li-polymer battery, take note of the following:

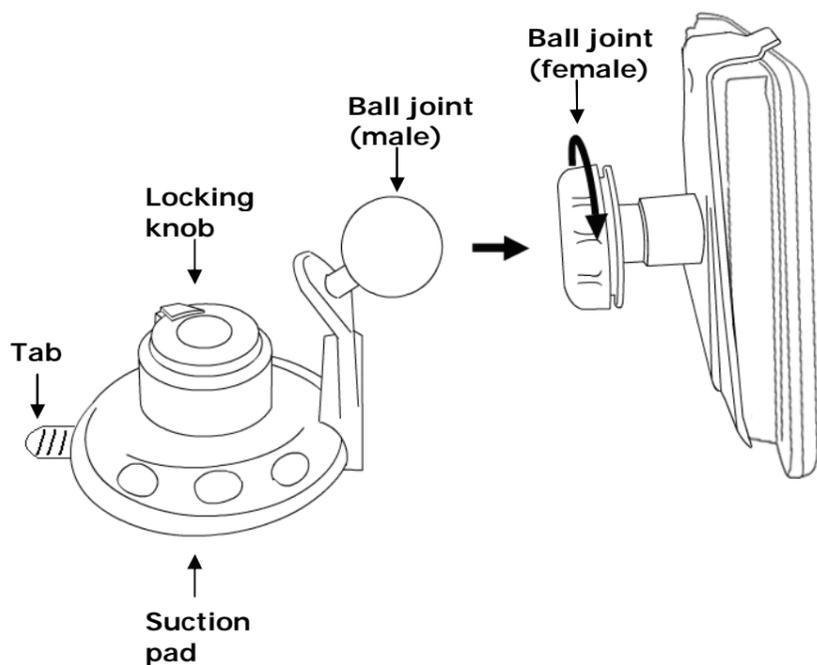
- This unit contains a non user replaceable internal Li-polymer battery. The battery can inflate and release hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.
- The icon  at the top right corner on the main interface of system indicates the current remaining power.
- Disconnect device from charger when it is fully charged. Battery may damage if it is over charged.
- Do not immediately turn on your device after connecting the Travel Adaptor to charge a power-depleted battery. If you need to turn on the device again, wait for at least one minute.
- Do not charge the battery where the temperature is high. This may be harmful to the battery. (e.g. in direct sunlight).
- It is unnecessary to fully discharge the battery before charging. You can charge the battery even if it is only partially discharge.
- If you do not use the device long period of time, charge the battery at least once every two weeks. Over discharge battery can affect the charging performance.
- **Only connect the In-Car Charger to the device after starting the car. Failure to do so may cause irreversible damage to the device.**

## Getting to know your Lokatoo B1000 GPS navigator



1	Power button	Pressing the power button for more than 2 seconds will switch off the device completely. Pressing it briefly will turn the device to sleep mode.
2	Reset button	To reset the device.
3	AVIN Connector	Connect to external AVIN wired receiver module. (Optional)
4	Mini-USB Connector	Connect to the USB cable for file transfer or battery charging.
5	Charging Indicator	Static red indicate that external power is connected and charging. Static green indicate a fully charged battery.
6	Headphone Connector	Connect to stereo headphone.
7	SD/MMC Card slot	To access navigation software, map, song and video files stored in SD/MMC card.
8	Speaker	Produces audio.
9	Stylus	For inputting via touch screen.
10	Bracket block slot	To lock the device to holder.
11	Display screen	Display screen with touch screen capability.
12	Microphone	For inputting via voice. (Dependent on software capability)

## Mounting The Device To Holder (Stand-type)

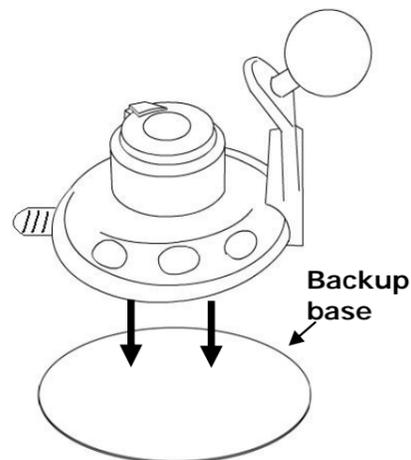


1. Turn the tightening knob anticlockwise to loosen the ball joint (female). Insert the ball joint (male) as shown on the illustration above, and then tighten the knob.
2. Remove the suction pad protective film. Attach the suction pad to the car dashboard. Turn the locking knob anticlockwise to secure the mounting.
3. Fit the navigator to the holder.

### Important

Be sure to place the device in an appropriate place, so as not to obstruct the driver's view, or deployment of airbags.

In the event that the holder cannot be mounted onto the car dashboard due to the material of the instrument panel, a backup base with adhesive can be used as a platform for the holder.

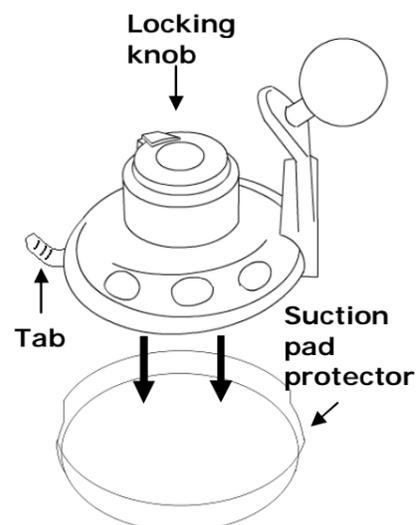


1. To use the backup base, remove the adhesive protector at the bottom of the base.
2. Stick the backup base at the desired spot of the dashboard.
3. Mount the holder at the top of the backup base.

### Important

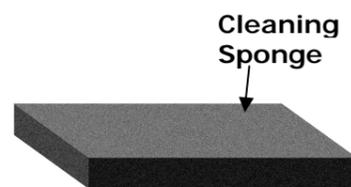
As the backup base uses a very strong adhesive to stick to the dashboard permanently, please decide carefully and choose the right location on the dashboard before sticking the base

## Removing the holder (Stand-type)



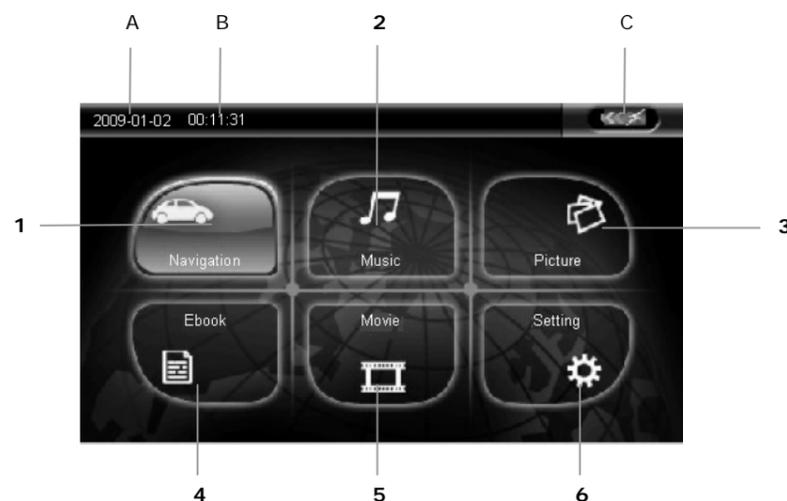
1. Turn the locking knob clockwise to loosen the mounting.
2. Lift the tab and 'peel' the suction pad off the dashboard.
3. Cover the suction pad with suction pad protector.

## Cleaning the suction pad



Use for cleaning the suction surface of the holder when it is dirty to improve the suction power of the holder. The sponge should be wet (Do not use detergent or alcoholic content).

## Main Interface Menu



A	<b>Date</b>	Display date, month and year.
B	<b>Time</b>	Display the current time.
C	<b>Battery Indicator</b>	Display the battery level of the device.

## 1. Navigation

Tap this icon to launch the navigation software. (Please refer to the navigation software user manual)

## 2. Music



After the desired music file is selected, the music file will be played with player interface shown below.

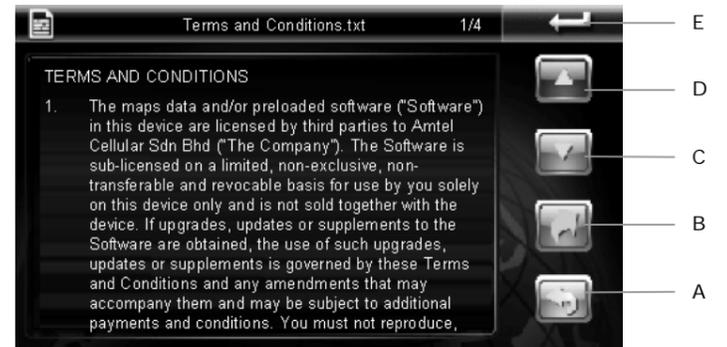


- |                      |                   |
|----------------------|-------------------|
| A. Shuffle all songs | F. Previous track |
| B. Repeat all songs  | G. Next track     |
| C. Progress bar      | H. Play / Pause   |
| D. Volume            | I. Previous page  |
| E. Stop              | J. Close and exit |

## 4. Ebook



After the desired text file is selected, the text file will be displayed as below.



- |                                       |                   |
|---------------------------------------|-------------------|
| A. Numeric keyboard to enter page no. | D. Page up        |
| B. Previous folder                    | E. Close and exit |
| C. Page down                          |                   |

## 3. Picture



After the desired picture file is selected, the picture file will be displayed as below.



- |                                 |                   |
|---------------------------------|-------------------|
| A. Previous picture             | E. Rotate picture |
| B. Next picture                 | F. Zoom out       |
| C. Slide show (in full screen)* | G. Zoom in        |
| D. Back to previous folder      | H. Close and exit |

\* Double tap the screen to exit full screen mode.

## 5. Movie



After the desired movie file is selected, the movie file will be played with player interface shown below.



- |  |                   |
|--|-------------------|
| A. Display screen – double tap to enter full screen* | E. Fast-forward   |
| B. Progress bar                                      | F. Stop           |
| C. Volume  | G. Play / Pause   |
| D. Back to previous folder                           | H. Close and exit |

\* Double tap the screen to exit full screen mode.

## 6. Setting

Tap Setting icon from main menu to enter the setting page. Here you can set the volume, power, backlight, time and date and language. You can also view system information, perform touch screen calibration, GPS reset and factory reset.

### 6.1 Volume

Tap  to increase and  to decrease the volume. Tick "Enable sounds for taps" to enable screen tapping sound.

### 6.2 Power

The "Battery Level" displays the remaining charge of the battery. Tap  or  to set the time before the navigator enter sleep mode.

### 6.3 Backlight

Tap  to increase and  to decrease the screen brightness. Tap  or  to set the time before the screen is turned off.

### 6.4 Date & Time

Time - Tap  or  to set the hour and minute.

Date - Tap  or  to set the year, month and day.

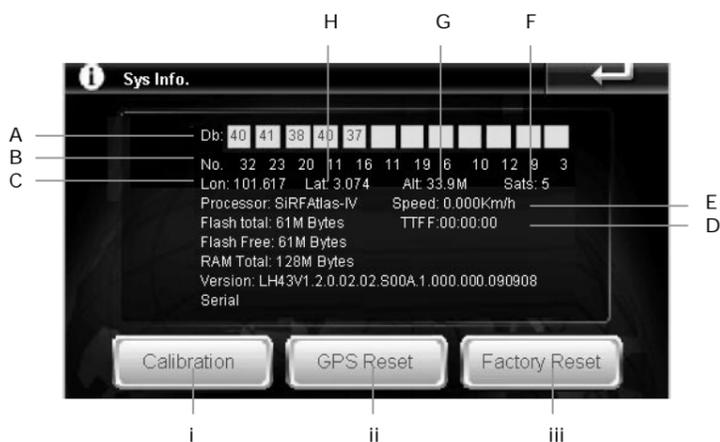
Zone - Tap  or  to set the time zone.

Note: You do not need to adjust the date and time. When the device is connected to GPS satellite, the current date and time will be downloaded to the device.

### 6.5 Language

Tap  or  to set the desired language.

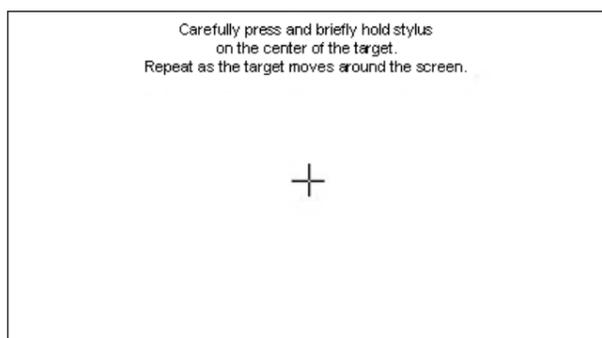
### 6.6 Sys Info.



- |                            |                        |
|----------------------------|------------------------|
| A. Signal distortion ratio | E. Vehicle speed       |
| B. Channel                 | F. Number of satellite |
| C. Longitude               | G. Altitude            |
| D. Time to first fix       | H. Latitude            |

#### i. Calibration

Please perform screen calibration to correct the preciseness of the touch screen. Press and briefly hold a stylus or any similar non-marking instrument to the center of the target. Repeat as the target moves around the screen. When the calibration is completed, simply tap anywhere on the screen to exit.



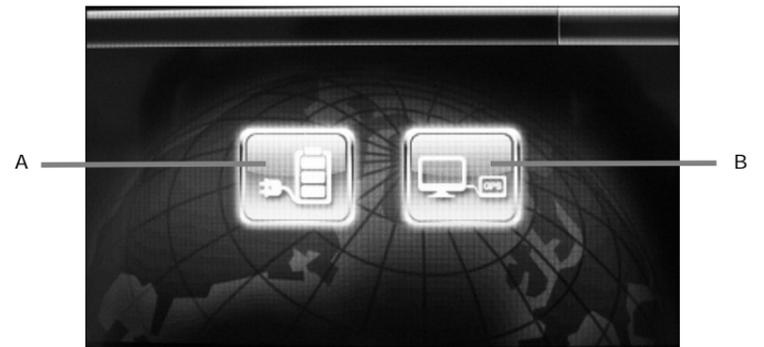
#### ii. GPS Reset

Tap GPS Reset to clear up the Signal-to-Noise of the data received.

#### iii. Factory Reset

When Factory Reset is tap, the device will go back to the factory default setting.

## Connecting your GPS navigator to computer



When the navigator is connected to computer using USB cable, the screen above will appear. Tap **A** to only charge the battery of the navigator and **B** to access to the navigator's storage (for file transfer).

## Wired Rear-View Camera

(For B1000 that comes with Wired Rear-View Camera)

To use the wired rear-view camera, please ensure that the AVIN cable is connected to the AVIN port. The camera view will be displayed on the navigator screen only when car transmission is engaged to reverse position.

## Specifications (Portable Navigation Device)

Physical	Dimension	134 x 88 x 18mm
	Net Weight	220g
System	Operating system	Windows CE6.0
	CPU	SIRFAtlas IV, CPU 500MHz, RAM11; DSP 250MHz.
	SD RAM	128MB
	NAND Flash	128M (SLC)
Core Shell Language	Storage	Support up to max 4GB SD/SDHC/MMC
	2 Languages	English & Simplified Chinese
Multimedia	Movie	MP4, ASF, WMV, AVI and 3GP
	Music	MP3, WMA and WAV
	Picture	BMP, JPG, PNG and GIF
	Ebook	TXT
Power	Travel Adaptor	INPUT: AC 100-240V OUTPUT: DC 5V/2A
	In-Car Charger	INPUT: DC 12-24V OUTPUT: DC 5V/1.5A
	Battery	3.7V / 1600mAh
	Usage time	Approx. 3-4 hours
Display	Specification	5" TFT LCD, 4 line resistance flat touch screen
	Pixels	480 x 272, TFT with flat touch panel
	Brightness	Adjustable
Navigation Feature	GPS Frequency	1575.42MHz
	Channels	64
	Sensitivity	-161dBm
	Precision	Position: <10 meters
	Capture Time	Hot start: ≤3 sec, average Warm start: ≤38 sec, average Cold start: ≤45 sec, average
	Refreshing Rate	0.1/second
	Com port	COM7
Temperature	Baud Rate	38400
	Operation	-20 to 70°C
USB	Storage	-25 to 75°C
		USB 2.0 high speed
AV IN	Video Format	CLBS (PAL & NTSC)
	Input Impedance	75Ω
	Input Voltage	1.5Vpp
	Audio Format	Analog Signal