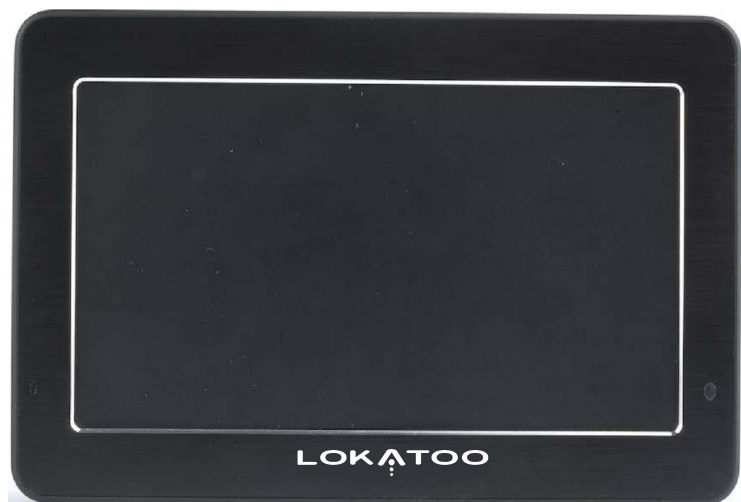


# LOKATO

*... getting you there*

## A1000 Series GPS Navigator Hardware User Version 1.11



AMTEL CELLULAR SDN BHD  
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Notes:

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- iii) The contents of the manual may be modified without further notice.

## **TERMS & CONDITIONS**

1. The maps data and/or preloaded software (“Software”) in this device are licensed by third parties to Amtel Cellular Sdn Bhd (“The Company”). The Software is sub-licensed on a limited, non-exclusive, non-transferable and revocable basis for use by you solely on this device only and is not sold together with the device. If upgrades, updates or supplements to the Software are obtained, the use of such upgrades, updates or supplements is governed by these Terms and Conditions and any amendments that may accompany them and may be subject to additional payments and conditions. You must not reproduce, distribute, publish, transmit, modify, adapt, translate, display, distribute, sell, license, publicly perform, prepare derivative works based upon, or otherwise use or exploit the Software. The foregoing limited right does not give you any ownership of Software and nothing contained in this Agreement may be construed as conferring to you any licence or right to the Software under any copyright or any other intellectual property right.
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4. The maps and any information stored in this device is strictly a navigation guide for reference use only. It is the sole responsibility of the User's to use this device prudently. Information provided may change over time and you should decide the route based on the actual road conditions and traffic laws. The Company makes no representation or warranty, whether expressly or impliedly as to the accuracy, completeness, timeliness, reliability or fitness for any particular purpose of the maps stored therein.
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.

## **Lokatoo A1000 Series GPS Navigator Product User Manual**

This *User Manual* describes the settings and functions of your A1000 Series GPS navigator. Read this guide in its entirety before attempting to use or configure the device.

Before getting started, check that each item listed below in the package contents is accounted for and observe the outward features of the device.

### **Package contents**

Standard Package:

- The Lokatoo **A1000** Series GPS navigator
- Stylus
- Holder
- In-Car Charger
- Travel Adaptor
- USB cable
- Map & manual CD
- 2GB SD/MMC Card containing navigating system software and map data

## **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.

## **CONTENTS**

Usage Guideline for Extended Battery Life	07
Getting to know your Lokatoo A1000 Series GPS navigator	08
Connecting External Antenna (Optional)	10
Connecting the In-Car Charger	11
Connecting to USB and charging the device	12
Connecting to Travel Adaptor and Charging the Battery	13
Using Your Device in a Vehicle	14
Using Lokatoo A1000 Series GPS Navigator	16
Navigation	16
Bluetooth	16
Pair	17
Keypad	18
Call Record	18
Dial-last	18
Attribute	19
Pair Device	20
Player	21
Using the Music player	21
Using the Video player	23
Photo	24
E-book	25
System Setting	26
Volume Setting	26
Power Setting	26
Backlight Setting	26
Time Setting	26
Language Setting	27
System Information	27
System Specifications	28
Troubleshooting	29

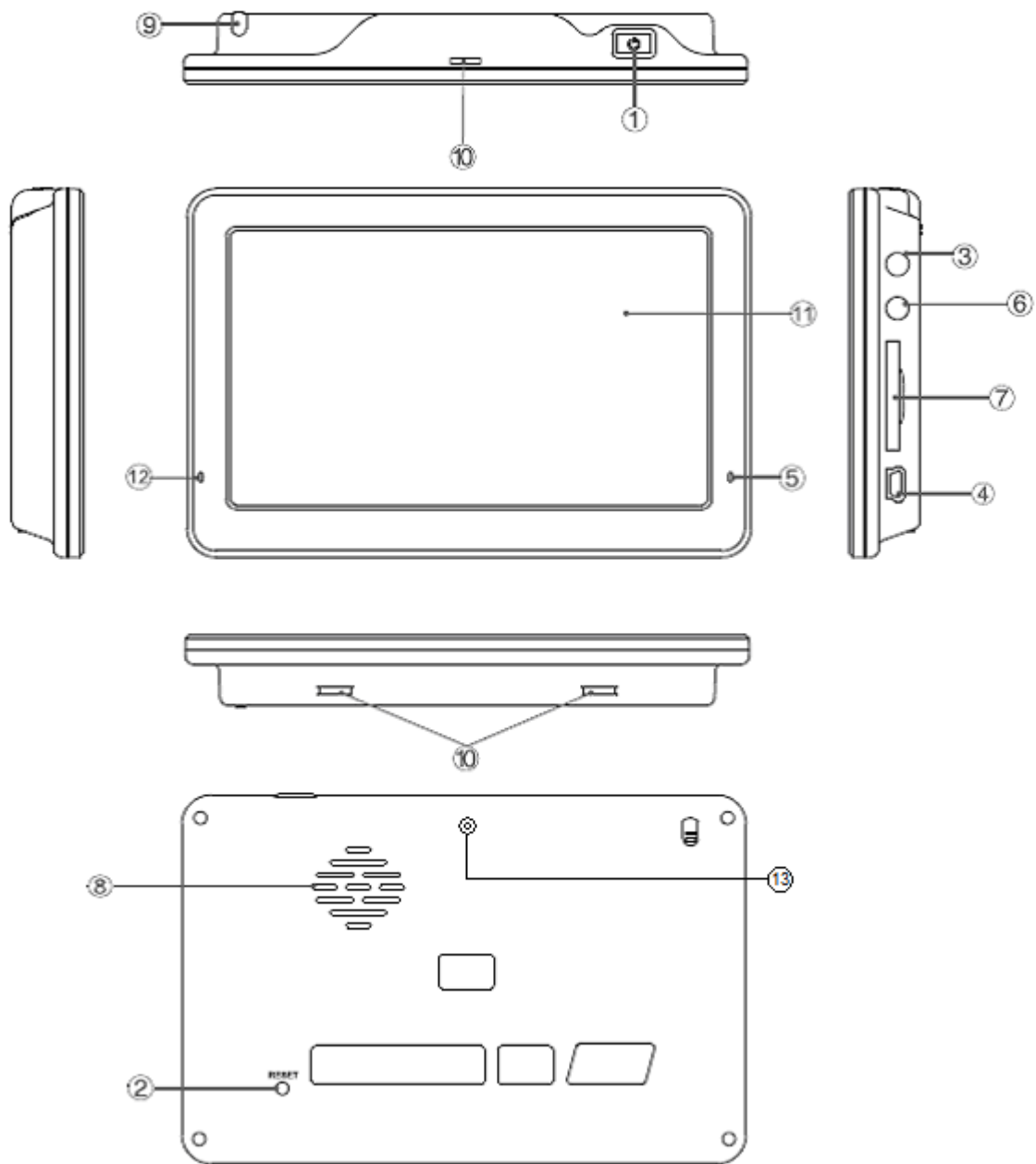
## Usage Guideline for Extended Battery Life

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).
- ◆ There is no need 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.**

# LOKATOO A1000 Series GPS Navigator

## Getting to know your Lokatoo A1000 Series GPS navigator





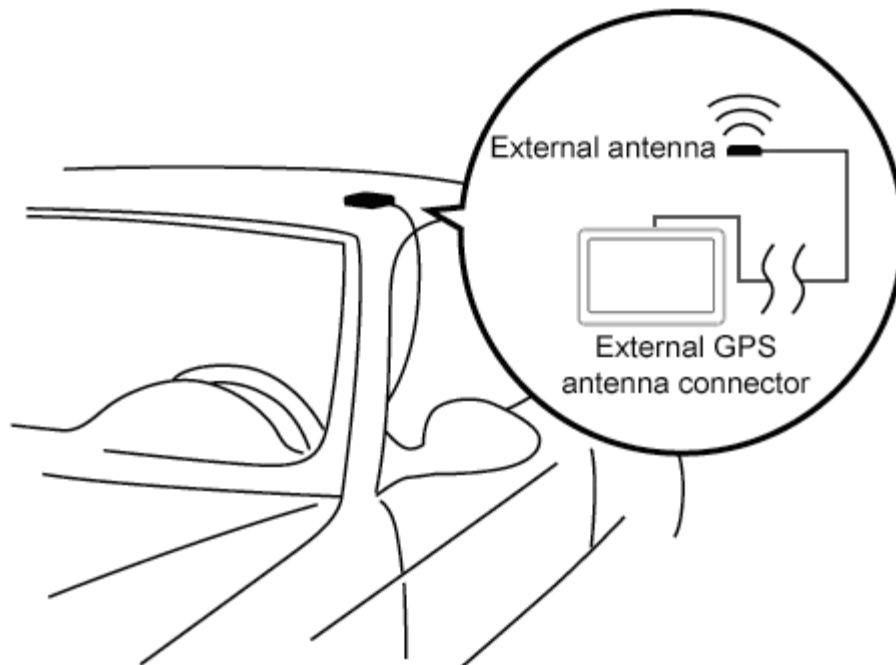
# LOKATOO A1000 Series GPS Navigator

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<b><u>Component</u></b>	<b><u>Description</u></b>
<b>[1] Power button</b>	Pressing the power button for more than 2 seconds will switch off your device completely. Pressing the power button briefly will turn your device to sleep mode.
<b>[2] Reset button</b>	To reset the device.
<b>[3] TMC / AVIN Connector</b>	Connect TMC for receiving module / Connect with external AVIN wireless receiver module. (May not be available in certain region)
<b>[4] Mini-USB Connector</b>	Connects to the USB cable for file transfer or charging the battery.
<b>[5] Charge Indicator</b>	Static red to indicate that external power is connected and charging. Static green indicate a fully charged battery.
<b>[6] Headphone Connector</b>	Connects to stereo headphones.
<b>[7] SD/MMC Card Slot</b>	Access navigation software, map, MP3 and video files stored in SD (Secure Digital) card.
<b>[8] Speaker</b>	Produces music, sounds and voice.
<b>[9] Stylus</b>	To enter input via touch screen.
<b>[10] Bracket block slot</b>	To attach the device to the holder.
<b>[11] Display screen</b>	The display screen is also a touch screen for inputting.
<b>[12] Microphone</b>	To enter input via voice. (dependent on software capability)
<b>[13] External antenna connector</b>	To connect to optional external antennal.

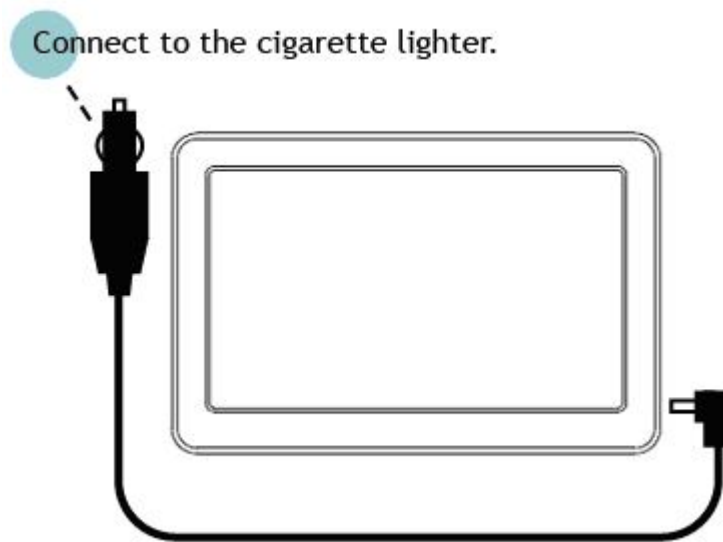
## **Connecting External Antenna (Optional)**

Attach the antenna to the car roof. Route the antenna cable and connector to the car cabin via the side window and connect it to the device.



**Connecting external GPS active antenna (Optional Accessory)**

## Connecting the In-Car Charger



Connecting the In-Car Charger

The In-Car charger supply power to your device when you are using the device in a car.

**CAUTION:** The In-Car charger output is 5V DC; do not use this charger for other device.

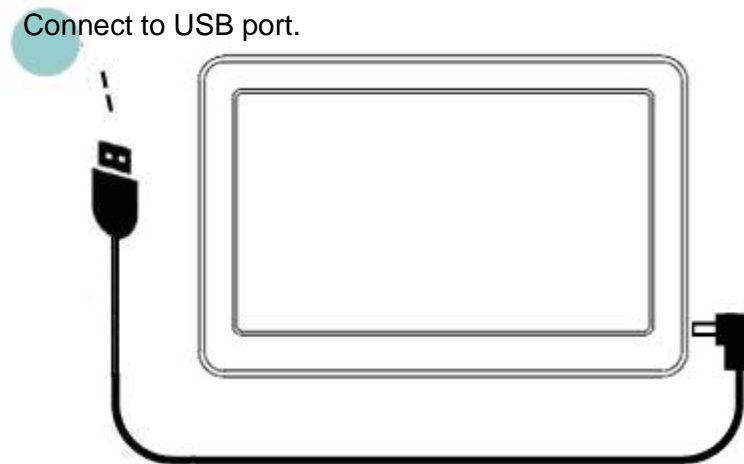
1. Connect one end of the In-Car charger to the power connector of your device.
2. Connect the other end to the cigarette lighter in the car to power and charge your device.

### **Important**

Only connect the In-Car Charger to the device after starting the car.  
Failure to do so may cause irreversible damage to the device.

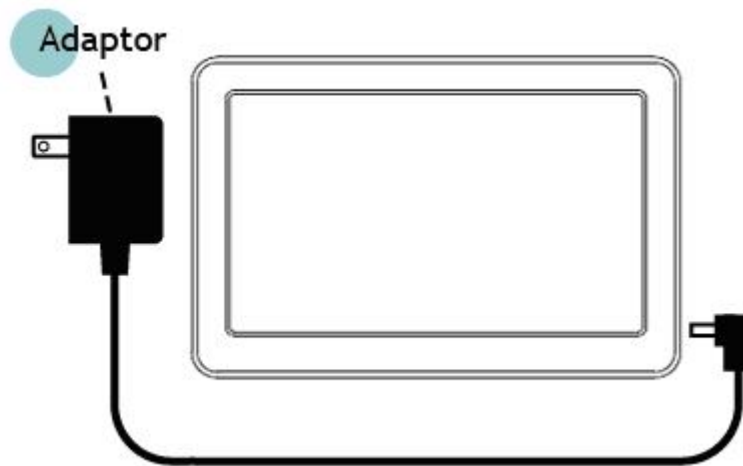
## **Connecting to USB and charging the device**

You can charge battery through USB connector. Connect your device as shown below. For shorter charging time, please turn off device while charging through USB connector.



**Connecting the USB Cable**

## Connecting to Travel Adaptor and Charging the Battery



### Connecting Travel Adaptor

When charging the battery for the first 3 consecutive times, you should charge it for at least 8 hours.

1. Connect the adaptor cable to the mini-USB connector.
2. Plug the Travel Adaptor into a wall outlet.

The charge indicator display static red when charging is in progress. Static green will indicate a fully charged battery.

#### **NOTE:**

- ◆ 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.

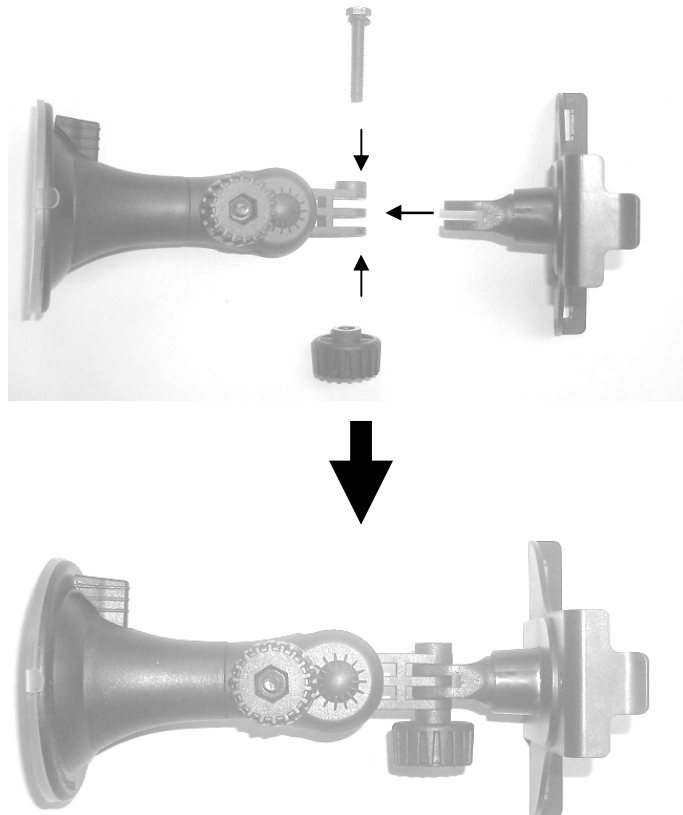
**CAUTION:** For optimal performance of the Li-polymer battery, take note of the following:

- ◆ Do not charge the battery where the temperature is high (e.g. in direct sunlight).
- ◆ There is no need to fully discharge the battery before charging. You can charge the battery before it is discharged.
- ◆ If you do not intend to use the product for a long period of time, be sure to fully charge the battery at least once every two weeks. Over discharge of the battery can affect the charging performance.

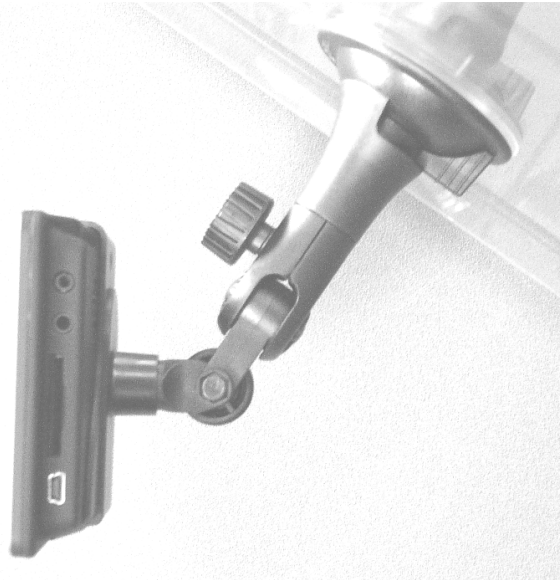
## Using Your Device in a Vehicle

### Assembling the Holder

Assemble the holder as shown in pictures below.



## Mounting on the Windshield



1. Clean the windshield area you intend to stick the suction cup. Then, attach the suction cup firmly to the windshield and turn the locking tab to secure the cup.
3. Carefully fit your navigator into the Holder.

### **CAUTION:**

After the suction cup is secured to the windshield, never try to pull or wriggle the arm. Always adjust the arm of the car holder for the best viewing angle BEFORE driving. Do not adjust the device with one hand while driving.

## Using the Holder

Use the Holder to hold your device in a vehicle. Make sure that the device has a clear view of the sky.

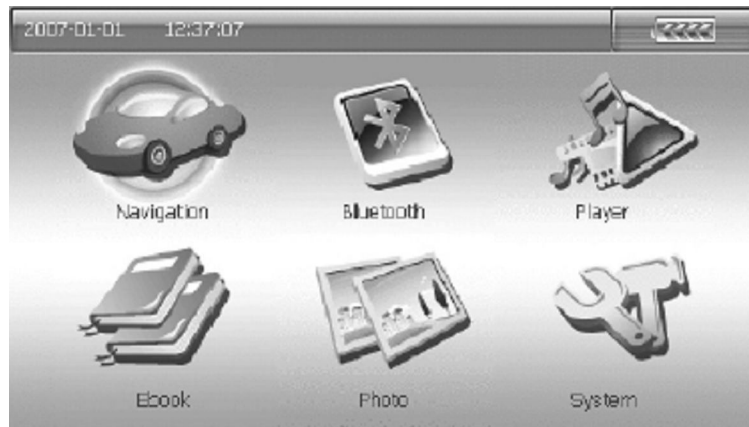
For initial positioning, remain at the same spot with a clear view of the sky. The GPS may take a few minutes to find its current location initially.

### **CAUTION:**

- ◆ Select an appropriate location for the Holder. Never place the Holder where the driver's field of vision is blocked.

## Using Lokatoo A1000 Series GPS Navigator

The device supports **Navigation**, **Bluetooth** and **Player** (Music & Video), **E-book**, **Photo** viewing and system setting functions. The **Main Menu** is as follows:

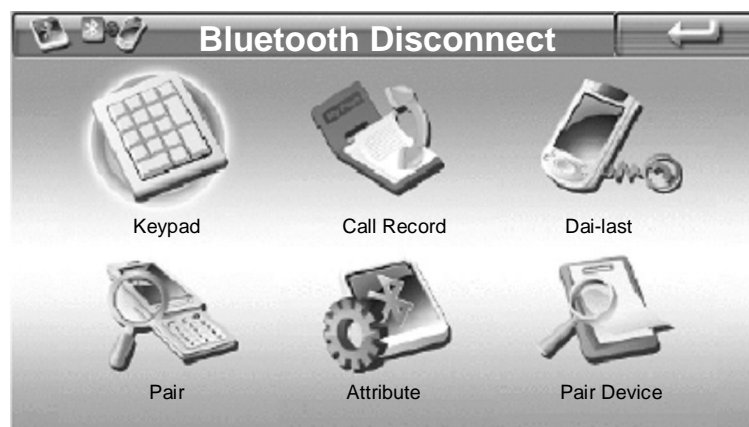


### **Navigation**



On the **Main Menu**, tap **Navigation** to launch the navigation software.

### **Bluetooth**

Press Bluetooth to enter the menu of Bluetooth.






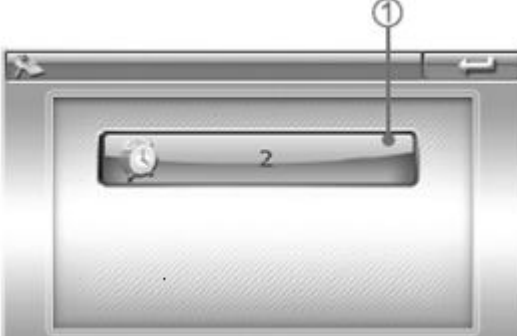
 Tips	[Tips] Red icon  indicates that the Bluetooth is not connected. If the Bluetooth is connected, the icon will turn to green.
---	--


## **Pair**

Click **Pair** from the Bluetooth menu screen to enter into the equipment pairing interface.

Before using Bluetooth, both devices need to be matched. Click the icon to enter into pairing interface, and then use mobile phone to search for Bluetooth equipment. After the Bluetooth equipment is found, enter the pairing password. The password can be found in the Attribute page. If the connection is successful, the message "Pair Success" will appear on the screen. Otherwise, repeat the pairing steps.









	Return to Bluetooth menu
①	Remaining searching time



 Tips	[Tips] Bluetooth option for mobile phone must be activated in order to pair with the device successfully.
---	---

## Keypad


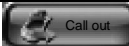








Click **Keypad** from the Bluetooth menu screen to access to the dial key.

	Return to Bluetooth menu
	To increase the volume
	To decrease the volume
	Dial key (Click to start calling)
	Hung-up key (Click to end call)
	Backspace key
	Numeric keyboard
	Number display area



## Call Record

Click **Call Record** from the Bluetooth menu screen to view and manage the call record.

	Return to Bluetooth menu
	Display dialed numbers
	Display received numbers
	Display missed calls
	Highlight previous record
	Highlight next record
	Dial the selected number or to switch to Keypad page
	Deleted the selected record
	Delete all records
	Records display area



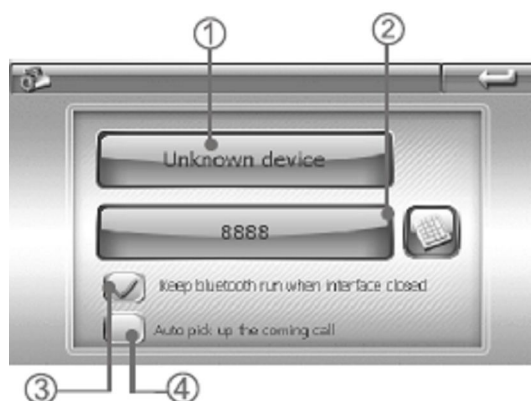
## Dial-last

Click **Dial-last** to display the Keypad page together with the last dialed number.

## Attribute

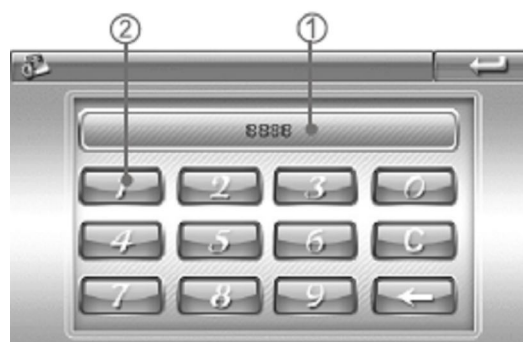
Click **Attribute** to manage the Bluetooth password and other options.

- ← Return to Bluetooth menu
- ① Display the name of current Bluetooth equipment
- ② Display the Bluetooth password (PIN)
- To modify password (PIN)
- ③ Bluetooth function will still be activated even after exiting from Bluetooth menu. Tick to activate this option.
- ④ To answer call automatically. Tick to activate this option.










To change a password (PIN), click to access the keyboard interface

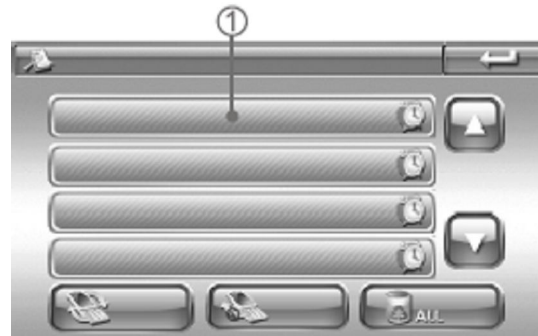
- ← Return to previous page
- ← Backspace
- C Clear
- ① Password (PIN) display area
- ② Numeric keyboard



## *Pair Device*

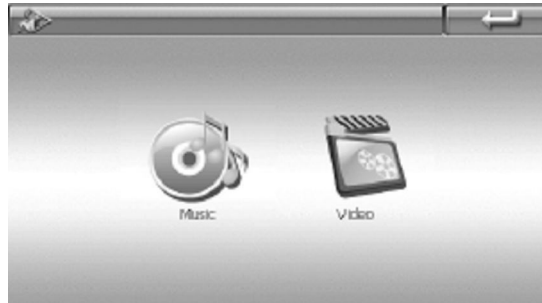
Click **Pair Device** to manage the Bluetooth connection record.

	Return to Bluetooth menu
	Highlight previous pair device
	Highlight next pair device
	Connect to selected Bluetooth device
	Disconnect Bluetooth device
	Delete all pair devices
	Display connecting Bluetooth devices



## Player





Click **Player** to enter to Music / Video menu as shown below.

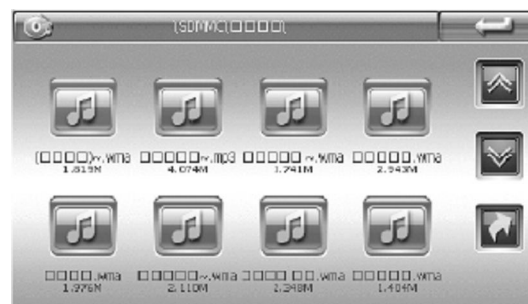


## Using the Music player

Click **Music** icon to access music file(s).

The function of each icon is as below:












	Return to Main menu
	Scroll up
	Scroll down
	Return to previous folder

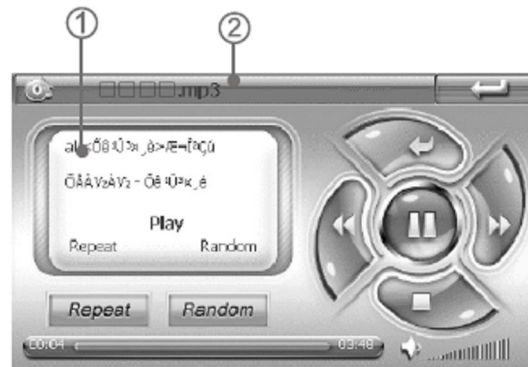



# LOKATOO A1000 Series GPS Navigator

Click the music file that you intend to play and the Music player will be launched.

The function of each icon is as follow:

	Return to Player menu
	Play
	Pause
	Stop
	Repeat all the songs
	Shuffle all the songs
	Play previous song
	Play next song
	Volume control
	Playback progress bar
	Return to previous folder
①	Lyric
②	Song title













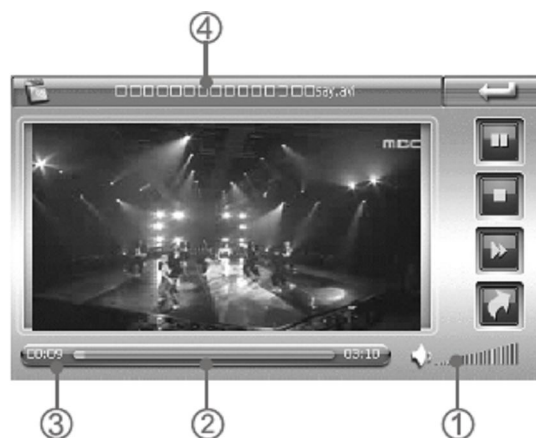
 <b>Tips</b>	<p>[Tips] Music player supports the function of lyric synchronization. Please copy both the music and lyric files (LRC format) to the same folder in the SD card, and make sure their file names are the same.</p>
--	--


## Using the Video player

1. Click the **Video** icon on the Main menu to access video file(s).
2. Click the video file that you intend to play.

The function of each icon is as follow:






	Return to Player menu
	Play
	Pause
	Increase playback speed
	Stop
	Return to previous folder
① 	Volume control
② 	Playback progress bar
③ 	Playback time
④ 	Video title



 Tips	[Tips] Double click the video area to switch between full screen and normal playback mode.
---	--

## Photo









Click the **Photo** icon from the Main menu to access photo file(s). The function of each icon is as follows:

	Return to Main menu
	Scroll up
	Scroll down
	Return to previous folder
	Run Photo browser



Run Photo browser by clicking the photo file.

The function of each icon is as below:

	Return to Main menu
	Zoom Out
	Zoom In
	Rotate photo
	Slide show (in full screen)
	Previous photo
	Next photo
	Return to previous folder




### [Tips]

Under the full screen mode, double click the photo to return to normal mode.




## E-book


Click **E-book** on the Main menu to access E-book file(s) (\*.txt)

-  Return to Main menu


---

-  Scroll up

---


-  Scroll down

---


-  Return to previous folder




Click E-book folder to open the reader

-  Return to Main menu


---

-  Page up


---

-  Page down

---

-  Return to previous folder

---

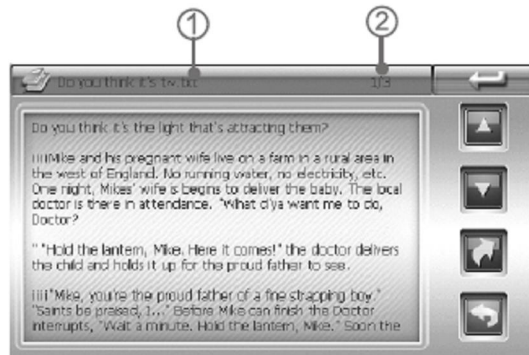
-  To enter specific page number


---


- ① File name

---


- ② Page number




Click  to enter into the page selecting page.

-  Display page number entered


---

-  Enter

---

-  Clear

---



-  Backspace





## **System Setting**

Click **System** icon from Main menu to enter system setting page. Here you can set the volume, power, brightness, language, time and date, view system information and perform touch screen calibration.





### **Volume Setting**

Click **Volume** to enter the volume setting page. Click  to increase and  to decrease the volume.

### **Power Setting**




Click Power to enter the power setting page. Power status bar will be displayed and user can adjust the time to be taken for the device to enter sleep mode automatically when running on battery by clicking  or .

### **Backlight Setting**

Click **Backlight** to enter backlight setting page. The user can adjust the brightness by  and , or can click  or  to set the time for the device to turn off the screen automatically.

### **Time Setting**

Click **Date Time** to enter date and time setting page. Screen will display the current time, date and time zone.

Click ,  or  to set up the time, date and time zone respectively.



Tips

[Tips] 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.

## Language Setting

Click **Language** to enter language setting page.

Choose the desired language from the list. There are 2 languages available: English and simplified Chinese.

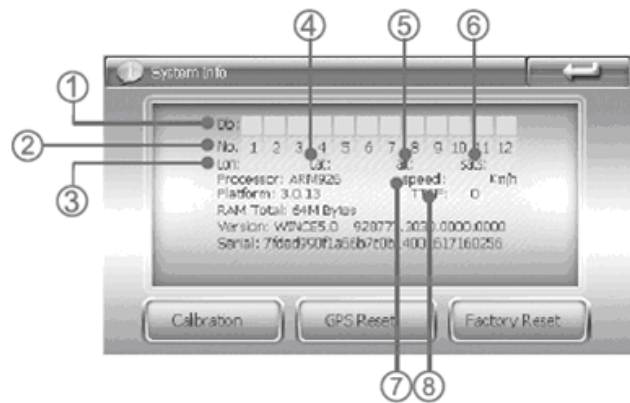
**Note:** Command shell languages are different from Navigation voice language.

## System Information

Click **Sys Info.** to enter system information page.

1. Click **Screen Calibration** to calibrate 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.
2. Click **GPS Reset** to clear up the Signal-to-Noise of the data received.
3. When **Factory Reset** is pressed, the device will go back to the factory default setting.

①	Signal distortion ratio
②	Satellite path
③	Longitude
④	Latitude
⑤	Altitude
⑥	Number of satellite
⑦	Vehicle speed
⑧	Time to first fix



## System Specifications

Dimension	133.7*88.7*17mm		
Net Weight	209g		
System	Operation System	Windows CE5.0	
	CPU	ARM9 application processor @ 400MHz	
	SD RAM	64M	
	NAND Flash	64M (SLC)	
	SD/MMC	Support up to MAX 4G SD/MMC	
Language	2 Languages	English & Simplified Chinese	
Multi-Media	Video	Support ASF, AVI, MP4, 3GP, WMV	
	Audio	Support MP3, WMA, WAV	
	Picture	Support JPEG, BMP, PNG, GIF	
	E-book	Support TXT	
Power	AC Adapter	INPUT : AC 100-240V, OUTPUT : DC 5V /2A	
	Car Charger	INPUT : DC 12-24V, OUTPUT : DC 5V /1.5A	
	Battery	3.7V /1600mAH	
	Navigation Time	3-4 hours	
Display	Spec.	5", TFT LCD, 4-line-resistance Touch Screen	
	Pixels	480*272, TFT with touch panel	
	Brightness	Adjustable	
Navigation Feature	GPS Frequency	1575.42MHz	
	Channel	20 Channels	
	Sensitivity	-157dBm	
	Precision	Position: < 10 meters	
	Capture Time	Hot start:	≤3 sec, average
		Warm start:	≤38 sec, average
Cold start:		≤43 sec, average	
Refreshing Rate	1/second		
Temperature	Operation Temperature	-20 to 70°C	
	Storage Temperature	-25 to 75°C	
USB	USB 2.0 high speed		

## Troubleshooting

If the device does not work smoothly, please inspect it according to the following method. If problems still persist, please contact our Customer Service Hotline or Service Centre.

<u>Problem</u>	<u>Reason</u>	<u>Solution</u>
Cannot power on.	Battery low power.	Charge the battery.
Power off suddenly.	Battery low power.	Charge the battery.
Touch screen deflected.	Calibration is not precise.	Perform screen calibration.
No sound.	Volume is too low.	Increase the volume.
	Earphone jack is not inserted properly.	Insert the earphone properly.
Can't connect to PC.	Poor connection of the USB cable.	Connect the cable properly.
Unable to charge.	Travel Adaptor is not connected properly.	Check the connection and ensure that the charging indicator is light up.
Power key and touch screen not functioning properly. Abnormal display on the screen.	The system crashes.	Reset the device by pressing the Reset button at the back of the device.
Cannot receive GPS signal.	Position the device at area with clear sky view. Depending on the intensity of the local signals, it may take up to 1 minute to receive the signal.	
Map data missing.	Format and copy the map data to the SD/MMC card. Contact with local retailer or distributor for activation code to activate the map.	

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