

LG300 ASSET TRACKER

User Manual V1.1

The product specifications and information in this document are for reference only and no prior notice will be given if any change is made. Unless otherwise stated, the content of this document is not a guarantee in any form.

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CONTENTS

1 ····· Overview

1.1 Features -----	01
1.2 Specifications -----	01
1.3 Appearance -----	01

2 ····· LED Indication

2.1 Charging Status -----	02
2.2 Non-charging Status -----	03
2.3 Green LED(Cellular) -----	03
2.4 Blue LED(GNSS) -----	03

3 ····· Notes on Working Modes

3.1 Regular GPS mode -----	04
3.2 Tracking mode -----	04
3.3 Audio recording -----	04
3.4 Voice-triggered alert -----	04
3.5 Low battery alert -----	04

4 ····· Use Instruction

4.1 Attaching SIM Crad -----	05
3.2 Power-On and -Off -----	06
3.3 Charging -----	06

5 ····· Precautions About Battery

6 ····· Troubleshooting

7 ····· Warranty Instructions and Service

7.1 Special Note -----	09
7.2 Warranty Terms -----	10
7.3 Note -----	10

8 ····· Warranty Card

Introduction

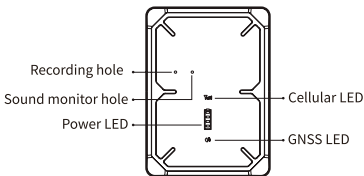
1.1 Features

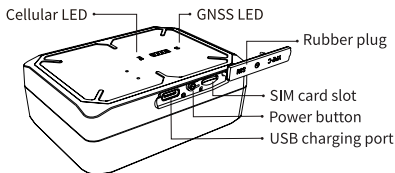
- Tamper alert
- Low battery alert
- Magnetic mount
- Position fix via BDS, GPS, WiFi, and LBS
- Voice-triggered alert
- Voice-activated recording

1.2 Specifications

Cellular	GSM: B2/B3/B5/B8
Operating current	70 mA
Service life	30 days (2 hours per day in tracking mode)
GNSS accuracy	< 2.5m CEP
Listen-in range	< 3m
Dimensions	86×63×31.5 mm
Weight	245 g

1.3 Appearance










LED Indication

2.1 Charging Status

Under voltage	
0~25% (Flashing)	
25~50% (Flashing)	
50~75% (Flashing)	
75~100% (Flashing)	

2.2 Non-charging Status

Under voltage	
0~25%	
25~50%	
50~75%	
75~100%	

2.3 Green LED (Cellular)

State	Meaning
Fast blink [0.3s-0.3s (on-off)]	Network initialization
Blink [0.3s-3s (on-off)]	Device online/In a call
Slow blink [1s-3s (on-off)]	Unable to connect with the platform
Solid on	No SIM card is detected

2.4 Blue LED (GNSS)

State	Meaning
Fast blink	The device is searching for satellite signals.
Slow blink	The GNSS module is already fixed a position.
Off	The device is in sleep mode or not operating.

Notes on Working Modes

3.1 Regular GPS mode

- In this mode, the device always has its network services enabled and will upload location data at a fixed interval, which can be configured via the location service platform or mobile app specified by your dealer.

3.2 Tracking mode

- In this mode, the device can automatically recognize current location conditions and activity status of the vehicle on which it is installed and intelligently choose a location mode and an upload interval.

3.3 Audio recording

- The device can be set to record audio for once or for continuous times.

3.4 Voice-triggered alert

- The device will upload an alert and enable its audio recording function if any ambient sound with a decibel greater than a preset value is detected.

3.5 Low battery alert

- The device will upload a low battery alert if it detects its battery strength to be lower than 20% SoC.

Use Instruction

4.1 Attaching SIM Card

- Step 1

Prepare a proper SIM card; The size of the SIM card is as follows:



标准卡 ❌



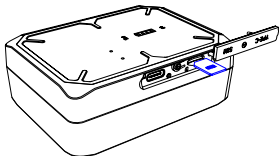
Micro ❌



Nano ✔

- Step 2

Open the rubber plug at the top and insert the SIM card in place, as the following figure shows:



Note:

The device must be powered off before removing the SIM card; otherwise, the SIM card may be burned.

The SIM card must be inserted correctly, has been subscribed to data services, and is not in arrears.

Please disable the PIN request function if the SIM card requires a PIN.

4.2 Power-On and -Off

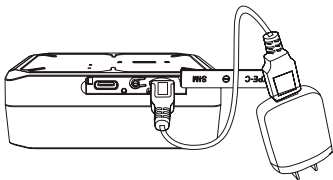
- Press and hold the power button for 5 seconds to power the device on or off.

Note:

To determine if the device is powered on, press the power button. If the LED lights on, the device is on; otherwise, the device is off.

4.3 Charging

- Connect the device with a charger (which should be purchased separately). The white LED blinks when the device is charging and turns to solid-on when the charging is complete.

**Note:**

If the battery is exhausted, the charging will take about 6 hours to full. It is normal that the device will heat up slightly during charging.

Precautions About Battery

- Replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types);
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;
- A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

Troubleshooting

When an issue arises with the device, you can troubleshoot it by the following solution. If the issue persists, please don't hesitate to contact your dealer or service provider.

Common Issues	Possible Causes	Solutions
Poor signal	The device is used in an area where radio waves cannot reach, such as near high-rise buildings or in a basement.	Try it in a place where satellite signals can be well received.
Power-on failure	The battery is exhausted.	Charge the device.
Failed to access the network	The SIM card may be attached improperly.	Check the SIM.
	The metal side of the SIM card is stained.	Clean it with an eraser.
	The SIM card is invalid.	Please contact your network service provider.
	The device is out of cellular service areas.	Try it in a service area.
	The signal is extremely weak.	Try it in an area with strong signals.
Failed to query a location	The SIM is not activated with the GPRS service.	Please contact your network service provider and activate the GPRS service.
	The device keeps replying with "No data found, please try again".	Please contact your dealer.

Warranty Instructions and Service

7.1 Special Note

- No prior notice will be given if the product is upgraded due to technological reasons.
- The appearance or color of the product is subject to the actual.
- The warranty card applies to the services of repair, replacement and refund of the product with the following IMEI.
- Please keep this warranty card and the original purchase receipt together in a safe place, as these will be needed at time of services.

7.2 Warranty Terms

- For damages not caused by human factors, this warranty lasts for one year starting from the date of purchase.
- You can choose to pay for the repair services in any of the following cases:
 - ① The warranty card expires;
 - ② No warranty card or valid proof of purchase;
 - ③ The product, including its accessories, is not in the warranty period;
 - ④ Quality issues resulted from unauthorized repair, crash, liquid spillage, accident, modification, or incorrect voltage input; or the label, IMEI, or counterfeit mark of the device is broken or scribbled;
 - ⑤ Damage caused by installing or using the device without following the instructions in this User Manual;
 - ⑥ The warranty does not cover damages resulted from soaking in liquid;
 - ⑦ The product model is inconsistent with that on the warranty card or the warranty card was altered;
 - ⑧ Damage caused by force majeure such as fire, flood, or lightning.

7.3 Note

- For vehicle trackers
As of January 1, 2016, the warranty lasts for 1 (one) year from the date of purchase.
- The specific terms are
 1. A full replacement, including accessories, if the product is found defective during the unpacking check (that is, the device has neither been installed nor used);
 2. If a defect occurs within one year after installation, then:
 - ① ©Replace only the mainboard if the housing is intact and doesn't affect normal use; or
 - ② @Replace the housing and the mainboard if the housing is defective and affects normal use (Please be noted that man-made damages will void the replacement service for the housing).
 3. Free repair services will be given to the product if a defect is found during the first year under proper use.

Warranty Card

Customer Information

Customer Name		IMEI No.	
Mailing Address			
Product Model		Phone	
Date of Purchase		Invoice No.	
Purchased From			
Address			
Phone			

*This is the basic document for warranty services. Please carefully fill in and safely keep this card.

Maintenance Record

Service Start Date	Problem and Solution	Service End Date	Customer Signature

Important

Please keep this warranty card in a safe place, as it is the proof for one-year free warranty services. If this card is lost, the Company will determine the date of purchase to be the thirtieth (30th) day after the date of production.