SpyTec GPS

STI_GL300 Real-Time GPS Tracker User Guide

In the Box

Tracker

USB charging cable

AC adapter

Screwdriver

User guide

Power button

Mini USB charging port

SIM port

Battery (Red)

GPS (Blue)

Cellular (Green)

Reset button

STEP 1 - Charging

a. Plug in wall charger, then connect charger to GL300.

b. Power LED will flash Red while charging, and will go solid Red when fully charged.

c. Charge for at least 8 hours or until Red LED goes solid.

d. Disconnect from charger, Red LED will go out.

e. If the Green LED is blinking once per second, there may be an issue with cellular connectivity in your area. Please contact GPS Tech Support to assist you.

STEP 2 – Locate Your MEID

Locate the International Mobile Equipment Identity (IMEI) number on the bottom of your tracker. The number is 15-characters long.

STEP 3 – Create an Account and Login

a. You can activate your tracker here: www.spytecinc.com/gps-activation

b. Your login details will be emailed to you.

c. Once you log into your account, you will see the mapping platform where your GL300 will show its location.

STEP 4 – Placement of the Tracker

a. The GL300 needs to have as much access to the open sky as possible to retain a connection to the GPS satellites.

b. Tracker cannot be surrounded by metal since it blocks GPS signals. DO NOT hide the GL300 in metal enclosures. DO NOT place it in the middle of the undercarriage, the engine compartment, wheel wells, a metal bumper, the trunk, glove compartment, or any closed / lidded compartment. The best position for the device within a vehicle is under the driver's or passenger's seats.

c. When placing the GL300 under a vehicle, position it on a flat part of the frame towards the edge of the vehicle with the LEDs on the face of the device facing the pavement. When you get low to the ground, you should be able to see the device.
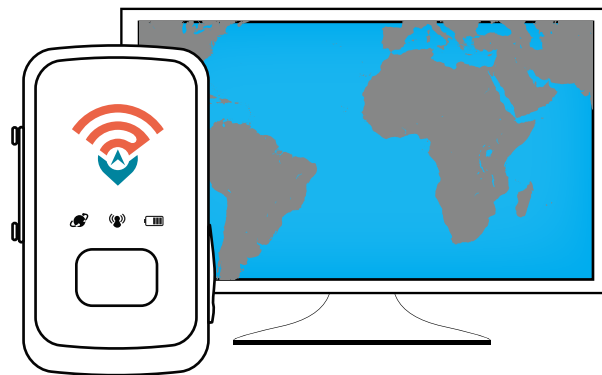
Important Facts

- Standard programming for the GL300 is to update every 3 hours when not moving and once a minute when moving.

- When ON, the Green LED will flash once every 3 seconds.

- The Blue Satellite LED is quite random and can generally be ignored.

- When powering off, the Red LED will remain on for up to 2 minutes, then power down.

- The optional M2 Waterproof Magnetic Case for the GX350 makes placement easy. Buy it at: www.spytecinc.com/waterproof-magnetic-case-for-gl200-gl300.html

- The GL300 can be enabled for international roaming. The default is set to 5-minute movement updates in many countries outside of the U.S. But in Canada and the U.K., the default movement update is once per minute. International roaming is not available in Japan, Taiwan, South Korea, Australia and Singapore. The GL300 will not work in the state of Alaska.

Troubleshooting

Q. Though GPS platform says device is in NJ (or last read 1,000 days ago), this isn't accurate.

A Make sure the green LED is blinking once every 3 seconds and take it out for a drive that lasts at least 10 minutes.

Q. GPS platform shows a blue screen or the coast of Africa.

A This means the device has not yet locked onto a GPS signal. Take it outside for a 10-minute walk or drive, and its location should update.

Q. What should I do if my device says "last updated x days ago" even though it it's been in use?

A Verify that the green light is blinking every 3 seconds and the device is properly positioned. If the problem persists, contact Tech Support.

Q. My device has been turned on for some time, but it is not updating. Why?

A If the green LED is blinking once every 3 seconds, take it out for a 10- to 15- minute drive. If the unit is still not updating on the platform, contact us at: support.gps@spytecinc.com.

Specifications

GSM Cellular	
Frequency	Quad band: 850/900/1800/1900 MHz
Compliant	GSM phase 2/2+, class 4 (2W @ 850/900 MHz), class 1 (1W @ 1800/1900 MHz)
Max out RF power	33.0 dBm ±2 dBm
Dynamic input range	-15 ~ -108 dBm
GPS Location	
GPS chipset	u-blox All-In-One GPS receiver
Sensitivity	Autonomous, -148 dBm; hot start, -160 dBm; tracking, -162 dBm
Position accuracy	Autonomous, < 2.5m; SBAS, 2.0m
TTFF (open sky)	Cold start, 30s average; warm start, < 30s; hot start,< 1s
Interfaces	
Digital inputs	2
Digital output	1
Buttons	Power on/off, function for emergency alert or instant geo-fence
Power/ configuration connector	Mini USB
RF connector	MMCX for external GPS antenna
Indicator LED	GSM, GPS and battery status
Environmental	
Operating temperature	-20°C ~ +55°C
Water resistance	IPX5 compliant
Electrical	
Charging voltage	5V DC
External battery voltage	3.5 V to 4.5 V DC
Battery	Lithium-polymer 1300 mAh
Standby time without reporting	400 hours
Reporting every 5 minutes	130 hours
Reporting every 10 minutes	150 hours
Physical	
Dimensions	2.7˝ x 1.6˝ x 0.8˝ (6.8 x 4 x 2.1 cm)
Weight	2.1 oz. (60 g)
USB charging cable length	50˝ (1.3 m)

Help

Thanks for purchasing a SpyTec GPS product! We appreciate your business and strive to make your experience the best possible. If you have any issues with your product, please contact us at the following addresses:
Email tech support questions to: support.gps@spytecinc.com
Email billing questions to: support@spytecinc.com

To download user manuals—including the one for the SpyTec GPS platform software that you'll use to track your GPS device from a phone, tablet or computer, go to:
http://www.spytecinc.com/gpstracking
Log into your tracker at: www.spytecgps.com

Warranty

This Unconditional Lifetime Warranty applies to the GL300 GPS Tracker sold by SpyTec GPS. This warranty covers any manufacturing defects to the device or accessories encountered by normal use. This warranty does NOT cover damages resulting from improper use of the device (including the use of incompatible accessories such as chargers, storage devices, etc.), unauthorized modifications to the device, negligence, or from any environmental or natural disasters, or from loss or theft. This warranty does not cover water damage. This warranty requires proof of sale of the device from STI or from approved resellers only.

Devices that are covered will be repaired or replaced at STI's discretion. Devices requiring replacement will be fulfilled with a new or refurbished unit, or a similar unit if the original unit is no longer available.

To take advantage of our warranty, go to http://www.spytecinc.com/return-policy/ and review our returns policy. If your device meets the above guidelines as well as the guidelines on our website, please click the button to proceed to the Return Authorization Form. In the event our online guidelines change, this warranty will supersede any newer changes. Once you have filled out the Return Merchant Authorization form, please wait for instructions.