

LNCOON LN-A42

LNCOON LN-A42 4G Magnetic GPS Tracker User Manual

Model: LN-A42

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your LNCOON LN-A42 4G Magnetic GPS Tracker. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize its features.



The LNCOON LN-A42 4G Magnetic GPS Tracker, designed for discreet and reliable asset tracking, shown alongside its companion mobile application interface.

2. WHAT'S IN THE BOX

Upon opening the package, please verify that all the following components are included:

- LNCOON LN-A42 GPS Tracker Unit
- Magnetic Charger
- SIM Card (pre-installed or separate, depending on region)
- USB Cable
- User Manual (this document)

STANDBY TIME REFERENCE TABLE

For reference only, the actual standby time varies according to motion and signal reception



Upload Frequency	Mode 1 Based on fixed time	Mode 2 Based on motion (move 24h/day)	Mode 2 Based on motion (move 2h/day)	Mode 3 Sleep Mode
Every 10s	\	3Days	3Days	\
Every 30s	\	3Days	8Days	\
Every 10min	11Days	12Days	28Days	\
Every 30min	20Days	20Days	31Days	\
Every 1hour	25Days	\	\	90Days
Every 12hours	30Days	\	\	13Days
Every 24hours	33Days	\	\	300Days

An illustration of the package contents for the LNCOON LN-A42 GPS Tracker, detailing the device, magnetic charging cable, and included accessories.

3. SPECIFICATIONS

Feature	Description
Product Dimensions	3.15 x 1.97 x 4.72 inches
Item Weight	13.7 ounces

Model Number	LN-A42
Connectivity Technology	4G Cellular
Positioning	GPS + AGPS + LBS
Waterproof Rating	IP67
Battery Life	Up to 7-30 days (depending on usage mode)
Supported Application	LNCOON IOT App (Android, iOS), eu.Incoon website



MULTIPLE ALERTS



Overspeed Alert



Remove Alert



Vibration Alert



Low Battery Alert



Enter/Exit Fence Alert



High decibel Alert



App Notification



Report on Web

The LNCOON LN-A42 utilizes GPS, LBS, and WiFi for precise positioning, offering accuracy within 5-10 meters.

4. SETUP GUIDE

4.1 Initial Charging

Before first use, fully charge the device using the provided magnetic charger and USB cable. Connect the magnetic charger to the charging port on the device and plug the USB cable into a standard USB power adapter (not included).

4.2 SIM Card Activation (if not pre-installed)

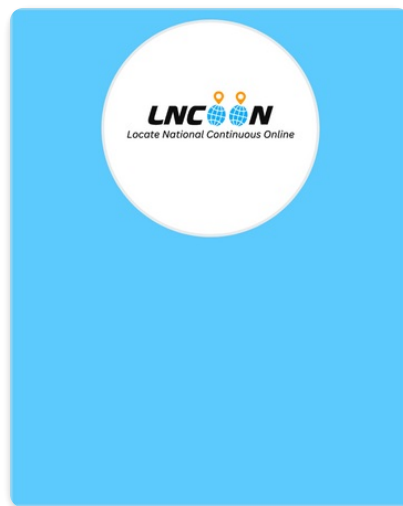
Ensure the SIM card is active and has a data plan. The device requires a 4G SIM card for cellular connectivity. If your SIM card is not pre-installed, carefully insert it into the designated SIM card slot on the device.

4.3 App Download and Registration

The LNCOON IOT App is essential for managing your tracker. Download the app from your device's app store or via the official website:

[Download LNCOON IOT App](#)

Once downloaded, register an account and log in. You will need to add your device by entering the IMEI number, which can be found on the device packaging or on the device itself.



The LNCOON IOT App provides a user-friendly interface for managing your GPS tracker.

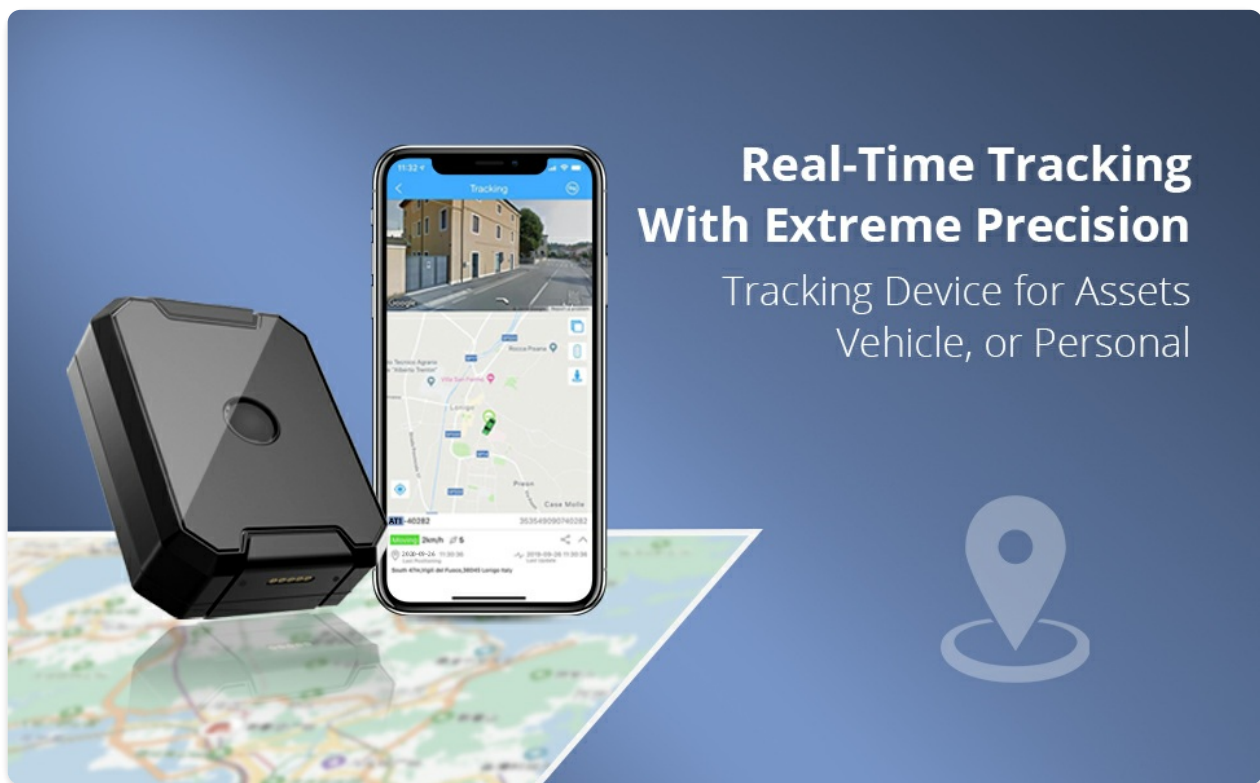
4.4 Device Activation and Subscription

After adding the device in the app, you will need to choose a subscription plan to enable tracking services. The LNCOON LN-A42 requires an active subscription for full functionality. Press and hold the power button on your device for more than 3 seconds to turn it on.

5. OPERATING INSTRUCTIONS

5.1 Real-Time Tracking

Once activated and connected, the device will upload its location data to the platform. You can view the real-time location of your tracker via the LNCOON IOT App or the eu.Incoon website. The location data is uploaded every 10 seconds by default, which is adjustable.



Experience real-time tracking with extreme precision for assets, vehicles, or personal use through the LNCOON platform.

5.2 Multiple Alarm Functions

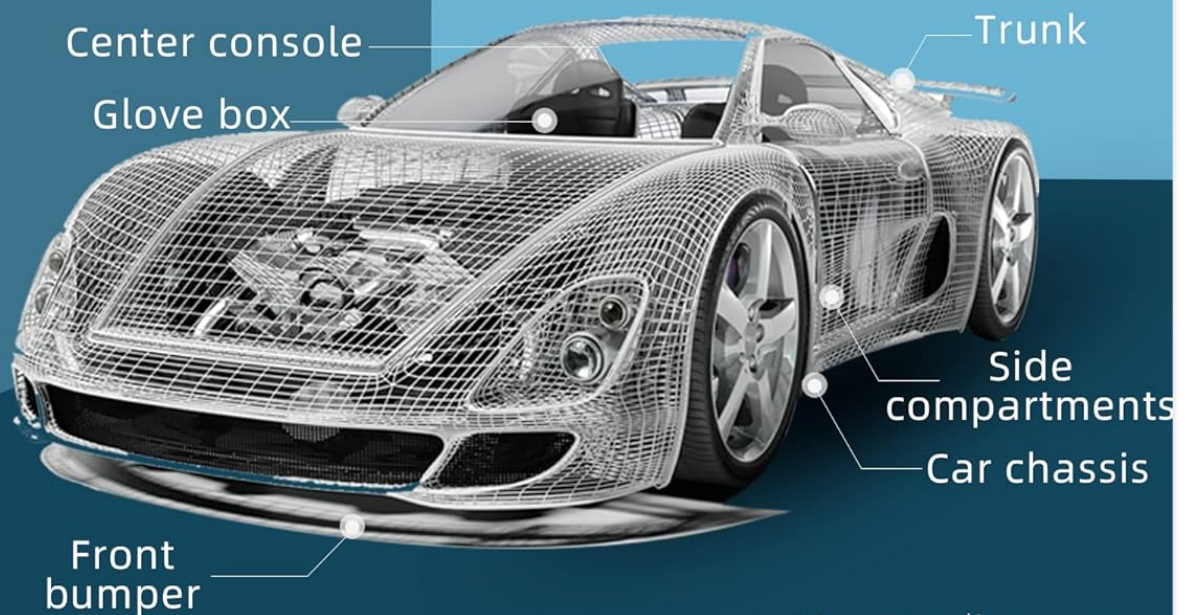
The LNCOON LN-A42 supports various alarm functions to enhance security and monitoring. Each alarm triggers a push notification to your phone and records the event's location and time.

- **Dismantling Alarm:** Alerts if the device is tampered with or removed.
- **Fence Entry/Exit Alarm (Geofence):** Notifies when the device enters or exits a predefined geographical area.
- **Overspeed Alarm:** Alerts if the tracked object exceeds a set speed limit.
- **Abnormal Vibration Alarm:** Detects unusual vibrations.
- **Low Battery Alarm:** Informs you when the battery level is critically low.
- **High Decibel Alarm:** Alerts to loud noises in the vicinity of the device.

INSTALLATION OPTIONS



Magnetic
Base



More to discover...

The LNCOON LN-A42 offers a comprehensive suite of alerts for enhanced security and monitoring.

5.3 Power Saving Modes and Standby Time

The device features an intelligent power-saving algorithm. You can remotely control the device's positioning frequency via the LNCOON IOT App to optimize battery life based on your needs. Refer to the table below for estimated standby times under different upload frequencies and modes.

Upload Frequency	Mode 1 (Fixed Time)	Mode 2 (Motion 24h/day)	Mode 3 (Sleep Mode)
Every 10s	N/A	3 Days	N/A
Every 30s	N/A	8 Days	N/A

Every 10min	11 Days	28 Days	N/A
Every 30min	20 Days	31 Days	N/A
Every 1 hour	25 Days	N/A	90 Days
Every 12 hours	30 Days	N/A	13 Days
Every 24 hours	33 Days	N/A	300 Days

Note: Standby times are for reference only; actual performance may vary based on motion, signal reception, and environmental factors.

6. INSTALLATION

The LNCOON LN-A42 features a strong magnetic base for easy and secure attachment to various metallic surfaces. Its compact, low-profile design allows for discreet placement.

6.1 Recommended Installation Locations

- **Vehicles:** Under the chassis, inside the trunk, glove box, center console, or side compartments.
- **Motorcycles/Bikes:** Under the seat or frame.
- **Luggage/Assets:** Inside a hidden compartment or securely attached to a metal frame.

PACKAGE INCLUDES:

28mm



158.6g

58mm



Light Sensor
(Remove Alert)

85mm



Charging Cable



Screws & Screwdriver



Manual Card

Network LED
Power LED
GPS LED



Power
On/Off
Button

Waterproof
Microphone
(Voice Record)

Magnetic
Charging Port

66.8g



Removable
Magnetic Base

Conforms to
EU Electrical
Certifications:



Various discreet installation points for the magnetic GPS tracker on a vehicle.



7. MAINTENANCE

7.1 Charging

Regularly charge your device to ensure continuous tracking. The intelligent power-saving algorithm helps extend battery life, but consistent charging is recommended, especially for critical tracking needs. The magnetic charger ensures a secure and waterproof connection during charging.

7.2 Waterproofing (IP67)

The LNCOON LN-A42 is IP67 waterproof, meaning it is protected from dust and can withstand immersion in water up to 1 meter for 30 minutes. Ensure all screws are tightened securely after any access to internal components (if applicable) to maintain the IP67 rating.

8. TROUBLESHOOTING

If you encounter issues with your LNCOON LN-A42 GPS Tracker, please refer to the following common troubleshooting steps:

- **Device Not Tracking:**

- Check if the device is powered on (press and hold the power button).
- Verify that the SIM card is active and has a sufficient data plan.
- Ensure you have an active subscription plan through the LNCOON IOT App.
- Check for good cellular signal reception in the device's location.
- Confirm the device is fully charged.

- **Inaccurate Location:**

- Ensure the device has a clear view of the sky for optimal GPS signal reception.
- In enclosed spaces (e.g., underground parking), LBS (Location Based Service) or Wi-Fi positioning may be used, which can be less precise than GPS.

- **App/Website Connectivity Issues:**

- Check your internet connection on your phone or computer.
- Ensure the LNCOON IOT App is updated to the latest version.
- Try logging out and logging back into your account.

- **Battery Draining Quickly:**

- Adjust the upload frequency in the app to a less frequent interval (e.g., every 10 minutes or longer) to conserve battery.
- Ensure the device is not in an area with very poor signal, as this can cause it to consume more power searching for a network.

For further assistance, please contact LNCOON customer support.

9. WARRANTY AND SUPPORT

LNCOON provides technical support and product warranty for the duration of your active subscription. If you

have any questions, require technical assistance, or need to report an issue, please reach out to LNCOON customer service through the contact information provided on the official LNCOON website or within the LNCOON IOT App.
Subscription plans can be managed, canceled, suspended, or transferred at any time through the LNCOON IOT App or website.

Documents - LNCOON – LN-A42



[\[pdf\]](#) User Manual Installation Guide
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