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LMHOME GT06

LMHOME GT06 GPS Tracker User Manual

Real-Time GPS Tracking Device for Vehicles

1. PRODUCT OVERVIEW

The LMHOME GT06 GPS Tracker is a versatile real-time tracking device designed for various vehicles including cars, motorcycles, trucks, and off-roaders. It provides advanced features such as real-time location tracking, remote engine cut-off, voice monitoring, and multiple alarm functions to enhance vehicle security and fleet management.

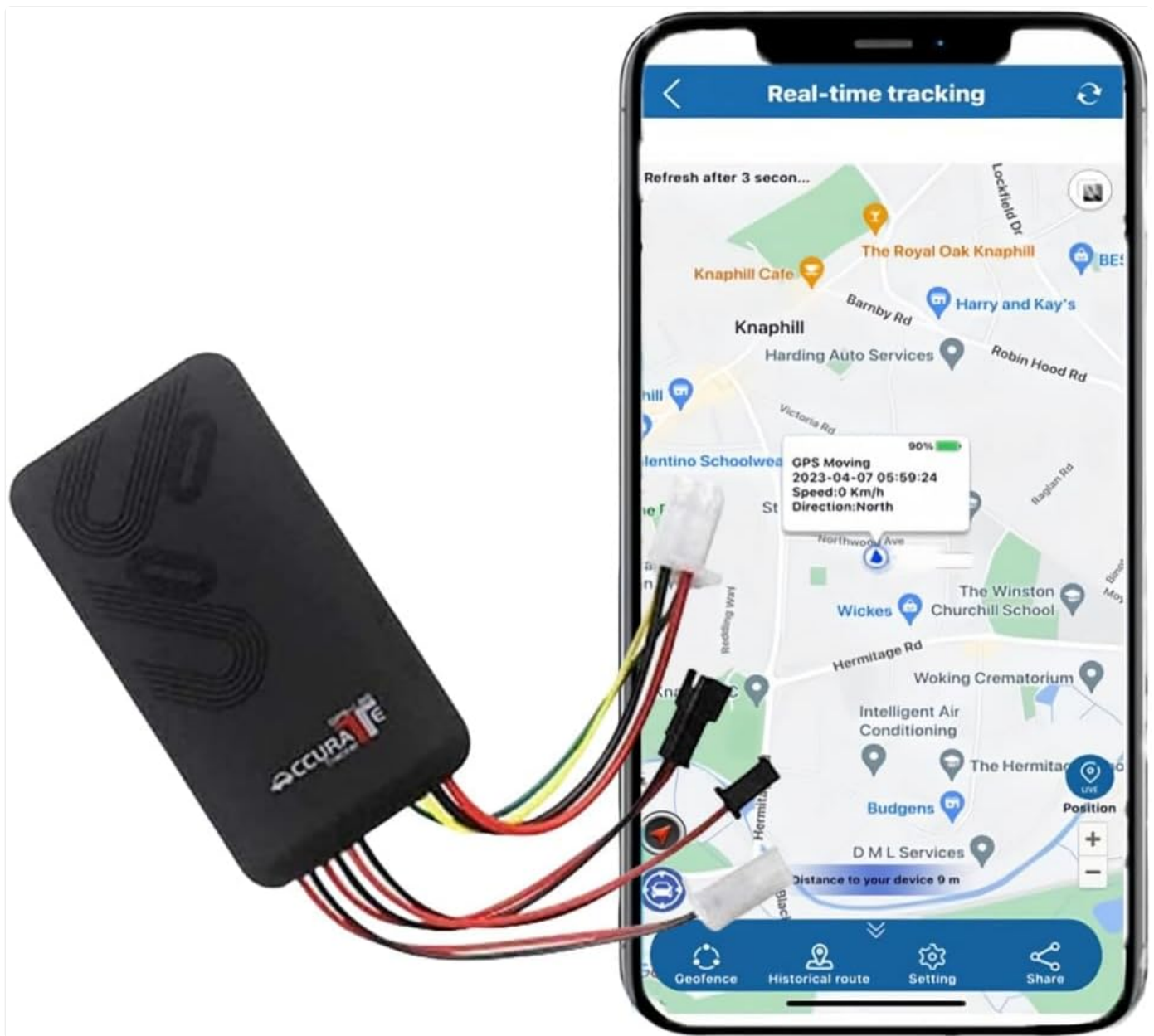


Figure 1: LMHOME GT06 GPS Tracker connected to a smartphone showing real-time location.



Figure 2: The GT06 GPS Tracker with its wiring, demonstrating real-time tracking capabilities on a mobile application.

2. PACKAGE CONTENTS

Ensure all items are present in the package:

- 1 x GT06 GPS SMS and GPRS Vehicle Locator
- 1 x GPS Sensor
- 1 x Relay
- 1 x SOS Cable
- 1 x Speaker Cable
- 1 x Power Cable
- 1 x User Manual



Figure 3: Included accessories with the GT06 GPS Tracker.

3. SETUP AND INSTALLATION

3.1 SIM Card Installation

The GT06 GPS Tracker requires a 2G SIM card for operation. It is recommended to use a SIM card from a reliable provider such as Vodafone (as per product feature bullets).

1. Locate the SIM card slot on the device.
2. Insert the 2G SIM card into the slot, ensuring it is correctly oriented.
3. Ensure the SIM card is activated and has sufficient credit for SMS and GPRS data.

Remotely Voice Monitor

Send "**Monitor+Password**" to the device first, then the device will turn into monitor mode, now if you make call to the SIM number in the device, it will pick up your call automatically and you will can monitor the voice around the device!



Figure 4: SIM card insertion point on the GT06 device.

3.2 Initial Activation and Configuration

To activate the device and restore factory settings, send the following SMS command to the SIM card number in the tracker:

begin123456

The device will respond with "OK", indicating successful initialization.

3.3 Wiring and Vehicle Integration

The GT06 tracker is designed for integration into a vehicle's electrical system. Professional installation is recommended due to the complexity of vehicle wiring.

- Connect the power cable to the vehicle's power supply (9V-36V, typically 12V-24V).
- Connect the ACC wire to the vehicle's ignition for ACC detection.
- Connect the relay for remote fuel/power cut-off functionality.
- Connect the SOS button and speaker cable if these features are desired.



Figure 5: Front view of the GT06 device, showing its compact design.



Figure 6: Side view of the GT06 device.

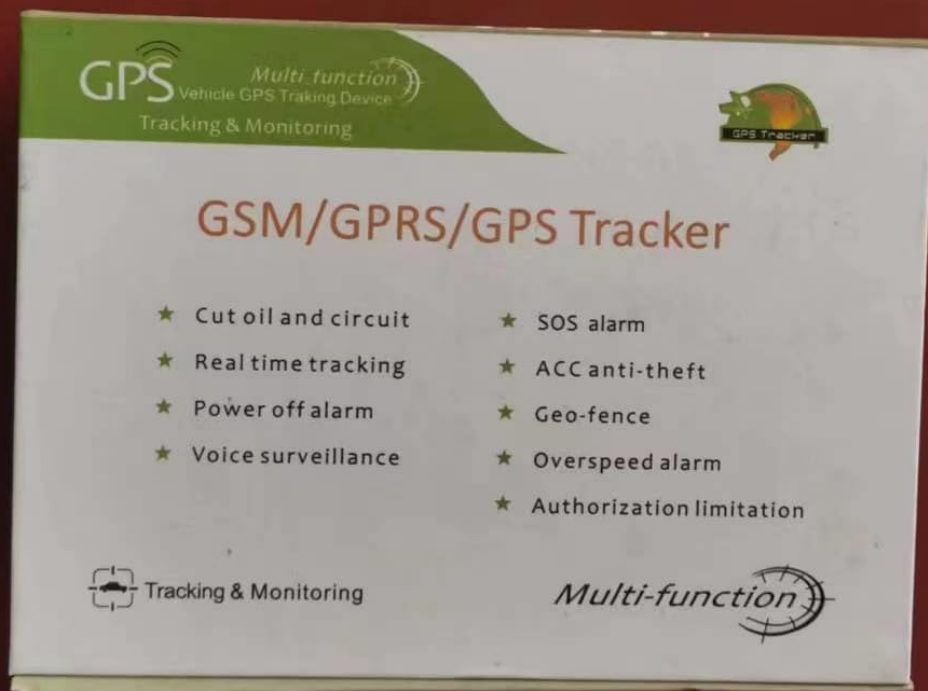


Figure 7: Back view of the GT06 device.



Figure 8: Physical dimensions of the GT06 GPS Tracker.

4. OPERATING INSTRUCTIONS

4.1 Location Tracking

- **Single Location:** Dial the device's SIM card number or send an SMS. The device will hang up and reply with a real-time tracking message.
- **Continuous Automatic Tracking:** Send an SMS with the specified format (refer to the full manual for specific commands) to receive continuous real-time tracking messages.
- **App/Web Tracking:** Utilize the dedicated mobile application (Android/iOS) or web platform for real-time positioning via Google Maps. The minimum data upload interval is 5 seconds. Historical track playback is available for up to 180 days.



Figure 9: Historical track playback feature on the mobile application.

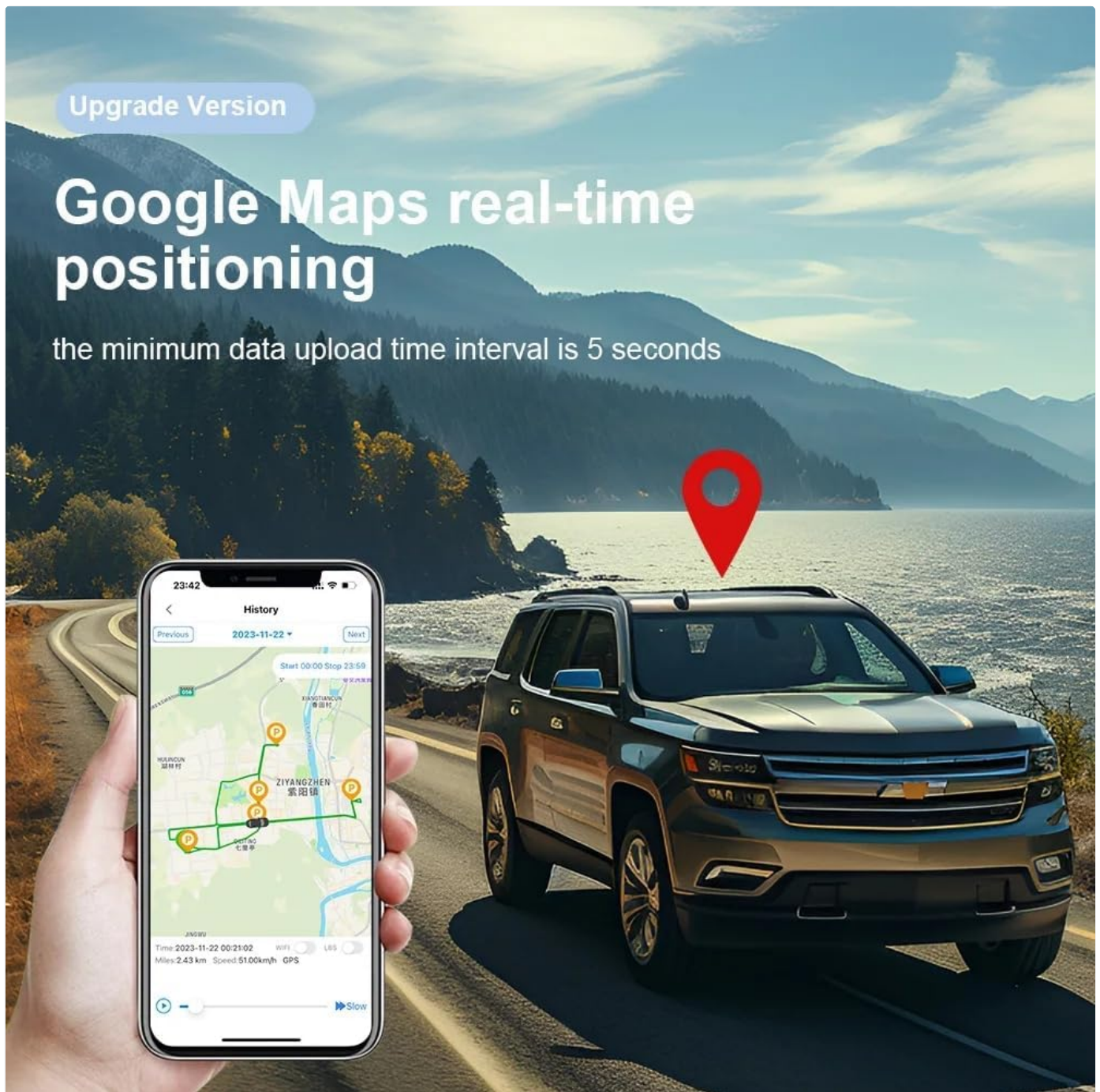


Figure 10: Real-time positioning using Google Maps on the mobile application.

4.2 Alarm Functions

The GT06 supports various alarm types:

- **Geo-fence Alarm:** Set up virtual boundaries, and receive alerts when the vehicle enters or exits these areas.
- **ACC Operational Alarm:** Alerts when the vehicle's ignition is turned on or off.
- **Vibration Alarm:** Sends a message to the owner if abnormal vibration is detected.
- **Power Failure Alarm:** Activates backup power and sends a message if the main power supply is disconnected.
- **Overspeed Alarm:** Alerts if the vehicle exceeds a predefined speed limit.
- **SOS Alarm:** Triggered by the SOS button (if connected), sending an emergency signal.

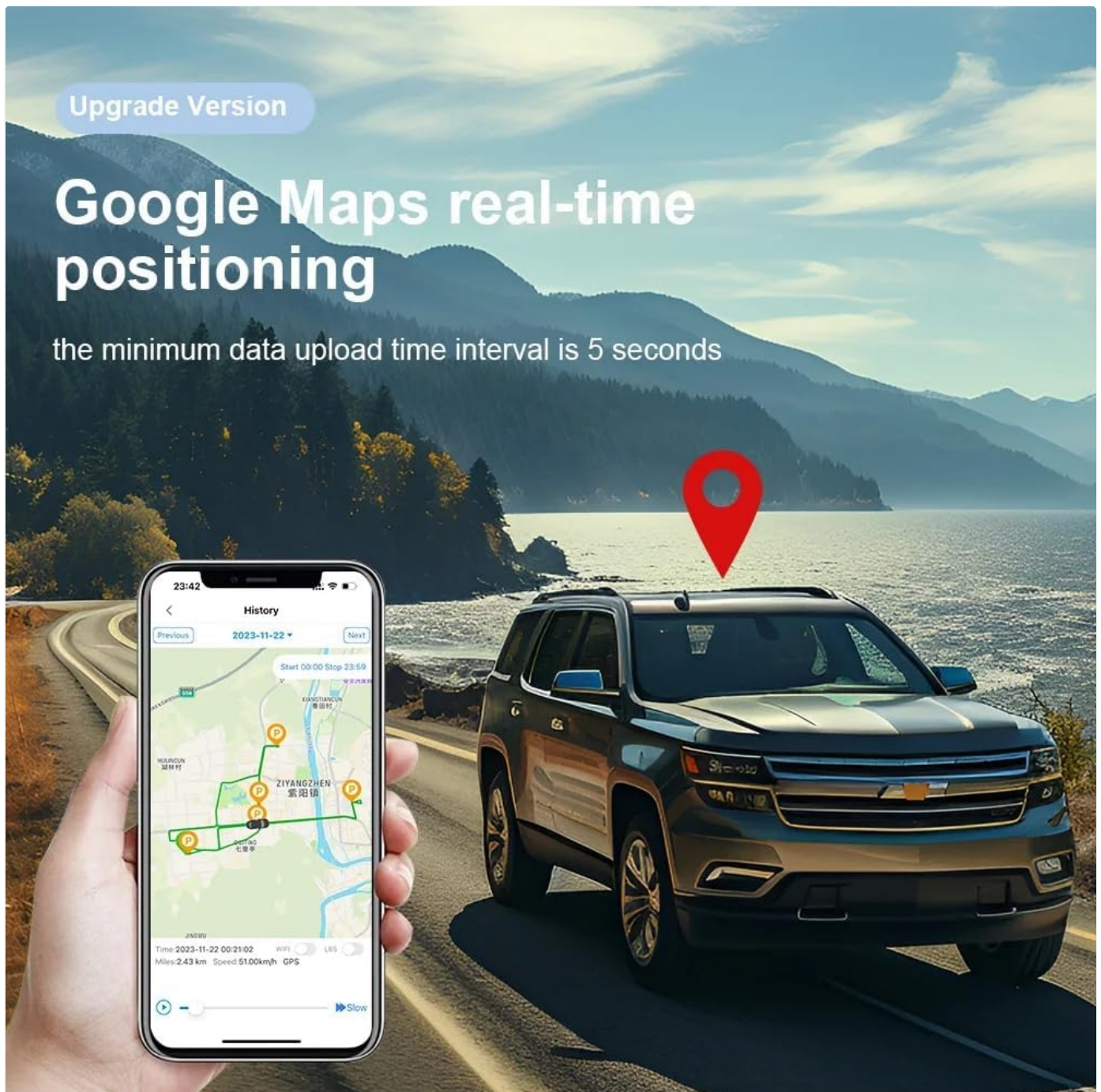


Figure 11: Overview of multiple alarm and control features.

4.3 Remote Control Features

- **Remote Engine Cut-off:** Safely cut off the vehicle's fuel and power system by sending a specific SMS command to the device. This feature is crucial for anti-theft.
- **Voice Monitor:** Send "Monitor+Password" to the device. It will enter monitor mode. When you call the SIM number in the device, it will automatically pick up, allowing you to monitor the voice around the device.

Historical track playback

our server can store data for up to 180 days

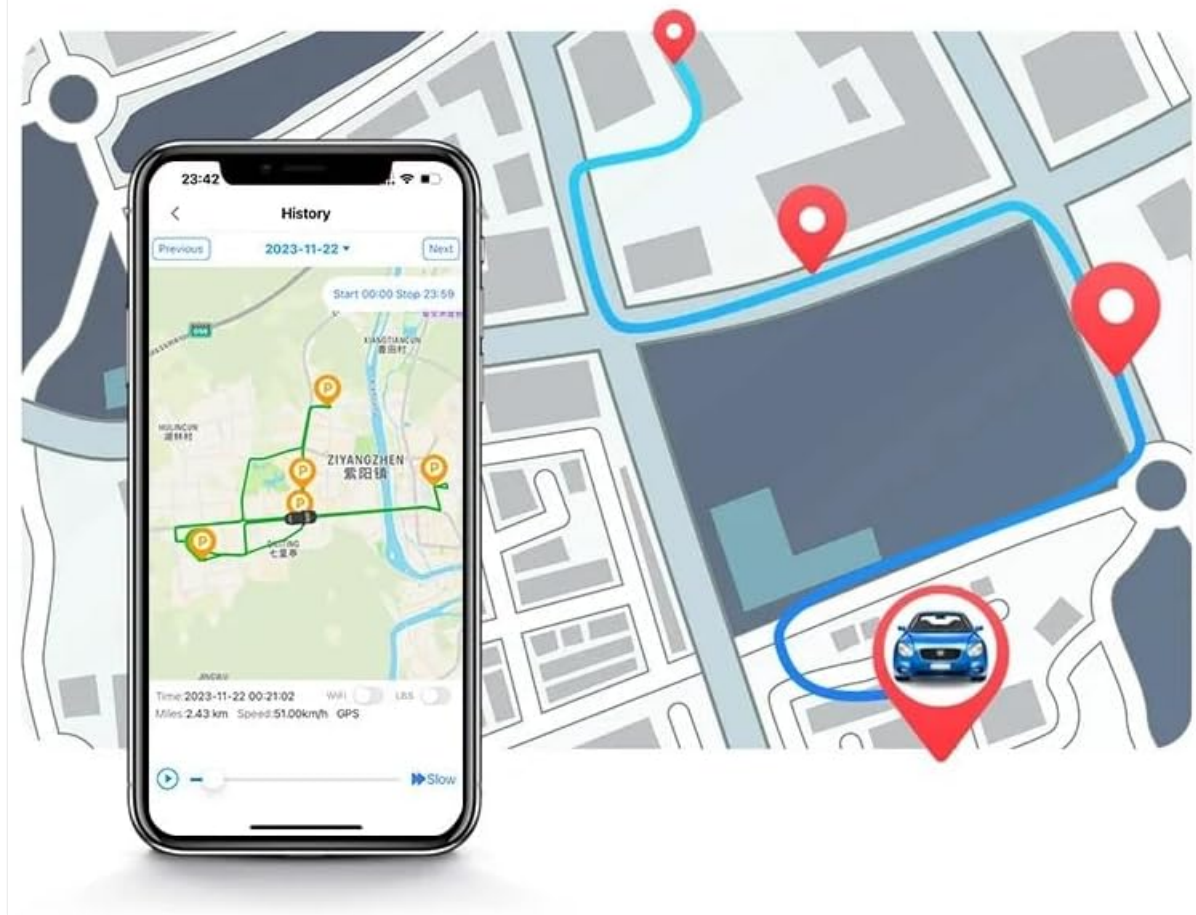


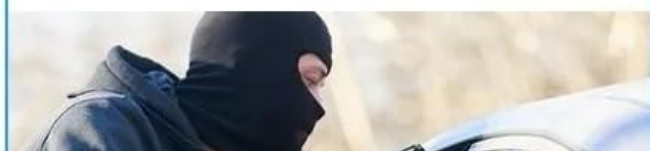
Figure 12: Anti-theft capabilities of the GT06 tracker.

Multiple Alarms



Remote Cut-off Engine

Owner can remotely control the vehicle by disconnecting the fuel and electricity.



Power Failure Alarm

When the device is removed, it will activate the backup power and send a message to you.





Virbration alarm

When the device detects abnomal vibration, it will send a message to notify the owner.



Remote OTA

Support for upgrading built-in programs in the hardware remotely.



Figure 13: Remote voice monitoring feature in use.

5. MAINTENANCE

The LMHOME GT06 GPS Tracker is designed for low maintenance. Keep the device clean and free from excessive dust or moisture. Ensure all connections are secure. The internal battery has a capacity of approximately 210 mAh, providing about 50 minutes to 1 hour of standby time. For optimal performance, ensure the device is connected to a continuous power source in the vehicle.

6. TROUBLESHOOTING

• Device Not Responding to SMS:

- Ensure the 2G SIM card is correctly inserted and activated.
- Check if the SIM card has sufficient balance for sending/receiving SMS and data.
- Verify network coverage in the device's location.

- Confirm the initial activation SMS "begin123456" was sent correctly and received an "OK" response.

- **Inaccurate Location or No GPS Signal:**

- Ensure the device has a clear view of the sky for GPS signal reception. Avoid installing it in enclosed metal areas.
- Check the GPS sensor connection.

- **App/Web Platform Issues (Offline, History Not Showing):**

- Verify the device has active GPRS data connection.
- Ensure the device is properly registered on the platform.
- *Note: Some users have reported that the app/web service may have a limited duration (e.g., one year) after which it may require renewal or subscription. Please contact the seller or service provider for details regarding service longevity and renewal options.*

- **Difficulty with Wiring/Installation:**

- Refer to the detailed wiring diagram in the complete user manual.
- If unsure, seek assistance from a qualified auto electrician for installation.

7. SPECIFICATIONS






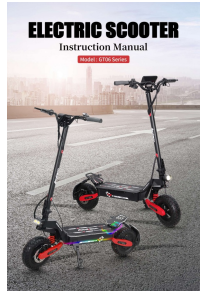
Model	GT06
GPS Bands	GSM 850/900/1800/1900 MHz
Network	GPRS, GSM
Voltage Range	12V - 24V (Operating), 9V - 36V (Supported)
GPS Sensitivity	-159 dBm
GPS Start Time	Cold: 45s; Warm: 35s; Hot: 1s
GPS Positioning Accuracy	5 meters
Battery Capacity	Approx. 210 mAh
Storage Temperature	-40 °C to 85 °C
Operating Temperature	-20 °C to 55 °C
Humidity	5% - 95% (non-condensing)
Dimensions (L x W x H)	95mm x 50mm x 12mm
Material	Acrylonitrile Butadiene Styrene (ABS)

8. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the purchase documentation or contact the seller directly. Specific warranty terms may vary depending on your region and retailer.

For technical support or further assistance, please contact the seller or manufacturer through the contact information provided at the point of purchase or on the product packaging. You may also refer to the official LMHOME website for additional resources.

Related Documents - GT06

	<p>Goome GPS Tracker Mini GT06: Installation, Features, and Usage Guide</p> <p>Comprehensive guide for the Goome GPS Tracker Mini GT06, covering product features, terminal description, installation, usage, SMS commands, troubleshooting, and safety.</p>
	<p>GT06 Vehicle GPS Tracker User Manual</p> <p>User manual for the GT06 Vehicle GPS Tracker, detailing its specifications, functions, installation, and SMS commands for managing vehicle location and security.</p>
	<p>SinoTrack J14 Car GPS Tracker User Manual</p> <p>User manual for the SinoTrack J14 Car GPS tracker, a 2G Realtime Tracking Locator Device supporting the GT06 Protocol with a free platform and app, including ACC alarm features.</p>
	<p>UniGuard 4G GPS Vehicle Tracker User Manual - Specifications, Installation, and Usage</p> <p>User manual for the UniGuard 4G GPS Vehicle Tracker (V1.1), detailing specifications, SIM card installation, signal indicators, SMS commands, installation precautions, wiring, and tracking software.</p>
	<p>GSM/GPRS/GPS Tracker User Manual</p> <p>User manual for the GSM/GPRS/GPS Tracker, detailing specifications, installation, device light descriptions, wiring, SMS commands, and web platform usage.</p>
	<p>GT06 and GT06PLUS Electric Scooter Instruction Manual</p> <p>Comprehensive instruction manual for the GT06 and GT06PLUS electric scooters, covering product parameters, packing list, folding instructions, installation, wiring, meter icons, NFC settings, part names, key functions, and maintenance.</p>

