

GT06 Vehicle Tracker User Manual

Model: GT06

1. PRODUCT OVERVIEW

The GT06 Vehicle Tracker is a sophisticated device designed for real-time tracking and management of vehicles and personnel. It utilizes SMS, GPS, GSM, and GPRS technologies to provide comprehensive tracking and security features.

Key applications include vehicle leasing, fleet management, and anti-theft solutions for motorcycles, scooters, and bikes.

Features:

- Real-time tracking capabilities.
- SMS/GPS/GSM/GPRS communication.
- Anti-theft functions for various vehicles.
- Personnel management support.



Image 1: The GT06 Vehicle Tracker device, showing its compact black casing and wiring harness for installation.

2. SETUP

2.1. Initialization

To initialize the device, send the SMS command **begin 123456** to the unit. The device will reply with "OK", confirming that all settings have been reset to default factory settings.

2.2. Changing Password

The new password must consist of 6 Arabic digits. Refer to the specific SMS command format provided in the device's packaging for changing the password.

2.3. Setting Approved Numbers

Up to 4 numbers can be granted access to control the tracker. Send SMS messages in the specified format to the device to add or remove approved numbers.

3. OPERATING INSTRUCTIONS

3.1. Locating the Device

- **Single Locating:** If no approved number is set, any number dialing the device's number will receive a tracking message.
- **Dialing and SMS Tracking:** Make a call or send an SMS to the device number. The device will hang up and reply with a real-time tracking message.
- **Continuous Tracking:** Send a specified format message to the device to receive continuous real-time tracking messages.

3.2. Alarm Functions

The GT06 supports various alarms to enhance security and monitoring:

- Low battery alarm
- Power failure alarm
- GPS blind spot alarm
- SOS alarm
- GEO-fence alarm
- Movement alarm
- Overspeed alarm
- ACC working alarm
- Vibration alarm

3.3. Vehicle Control

The device allows for remote control of your vehicle's oil and power system. Send specific SMS commands to cut off or resume the oil and power supply.

3.4. Arming and Disarming

The device can be armed and disarmed via SMS commands or a remote controller (if applicable). Refer to the specific commands for these operations.

3.5. Operating Modes

The GT06 offers three primary operating modes:

- **Tracker Mode:** Standard tracking functionality.
- **Monitor Listening Mode:** Allows listening in on the environment around the device.
- **Dial Mode:** Enables direct dialing from the device.

3.6. Device Information and Settings

You can check various device parameters and settings via SMS commands, including:

- Vehicle state
- IMEI number
- Reset SMS settings
- Set time zone
- GPRS settings
- APN, IP, and port settings

- Device reset

4. MAINTENANCE

To ensure optimal performance and longevity of your GT06 Vehicle Tracker, consider the following general maintenance guidelines:

- Keep the device clean and free from dust and moisture.
- Ensure all connections are secure and free from corrosion.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- Regularly check for firmware updates (if applicable) from the manufacturer's official channels.
- If the device is battery-powered, ensure the battery is charged adequately, especially if a low battery alarm is triggered.

5. TROUBLESHOOTING

This section provides general guidance for common issues. For specific technical problems, refer to the manufacturer's support resources.

| Problem | Possible Cause | Solution |
|--|--|---|
| Device not responding to SMS commands. | Incorrect SMS format; SIM card issues (no credit, no signal); device not powered on; unapproved number sending commands. | Verify SMS command syntax; check SIM card status and signal strength; ensure device is powered; use an approved number. |
| Inaccurate GPS location. | Poor GPS signal (e.g., indoors, dense urban areas, tunnels); GPS blind spot. | Move the vehicle to an open area with clear sky view; check for GPS antenna obstruction. |
| Device not tracking continuously. | Incorrect continuous tracking SMS command; GPRS settings incorrect; network issues. | Re-send the continuous tracking command; verify APN, IP, and port settings; check network connectivity. |
| Alarms not triggering. | Alarm settings not configured correctly; conditions for alarm not met. | Review and reconfigure alarm settings via SMS commands. |

6. SPECIFICATIONS

| Feature | Detail |
|---------------------------|--------------------------------------|
| Brand | Generic |
| Model | GT06 |
| Connectivity Technology | Cellular |
| Supported Application | GPS |
| Specific Uses For Product | Vehicle Tracking, Personnel Tracking |
| Special Feature | Speed Monitoring |

| Feature | Detail |
|----------------------|------------------|
| Included Components | Battery |
| Package Dimensions | 14 x 11 x 9 cm |
| Date First Available | 28 November 2016 |

7. WARRANTY AND SUPPORT

Information regarding product warranty and customer support channels was not provided in the available product data. Please refer to the product packaging or the seller's website for details on warranty coverage and how to obtain technical support for your GT06 Vehicle Tracker.

For general inquiries or troubleshooting, you may also consult online forums or communities dedicated to vehicle tracking devices.