



# Anbtek GT06 Vehicle GPS Tracker User Manual

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## Anbtek GT06 Vehicle GPS Tracker User Manual



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## SUMMARY

GT06 is a GSM/GPS tracker for car, motorcycle, scooters and e-bikes. It's with superior receiver sensitivity, fast TTFF and GSM design. And it can continuously report current position to backend server. GT06 is developed by "openCPU" technology which brought lower cost, lower power consumption and fast response speed advantages. It's reputed with have industrial level performance but on economical solution pricing.

## Specifications

Item	Description	
Dimension	98*53*13mm	
Power range	9-95v DC/1.5A	
Working humidity	5%~95%	
Operating temperature	-30°C~75°C	
Internal backup battery	180mAh/4.2V	
Weight	65g	
Network	GSM/GPRS	
GSM frequency	850/900/1800/1900Mhz	
GPS sensitivity	-159dBm	
GPS accuracy	5 meters	
GPS Fixed	Cold start	45s
	Warm start	35s
	Hot start	1s
LED indicator	1: Red for Power 2: Yellow for GSM3: Blue for GPS	
Input	1: ACC detect2: SOS detect3: Voice monitor	
Output	1: Immobilizer(stop engine) by relay	
Position report	Time based and angle based	
Alarm alerts	GEO Fence, speed over, power tamper, SOS(Hijack), idle, Vibration alarm	

## Main functions

- GSM quad-band frequency
- Real time tracking by SMS/GPRS
- Over-speed alarm
- Move alarm
- Geo-fence alarm
- Built-in backup battery to realize power failure alarm;
- Cut vehicle oil or circuit alarm
- ACC ignition and flame out inform
- Vibration alarm
- Voice monitoring
- SOS alarm
- Open the door alarm
- Smart sleep save power Mode
- AGPS function, receive GPS signals faster
- Built-in storage memory

## Applications

- Motorcycle/Scooters/E-bikes
- Car
- Truck

## Package Contents and optional Accessories



Tracker



main wire

### Optional accessories:



relay



microphone

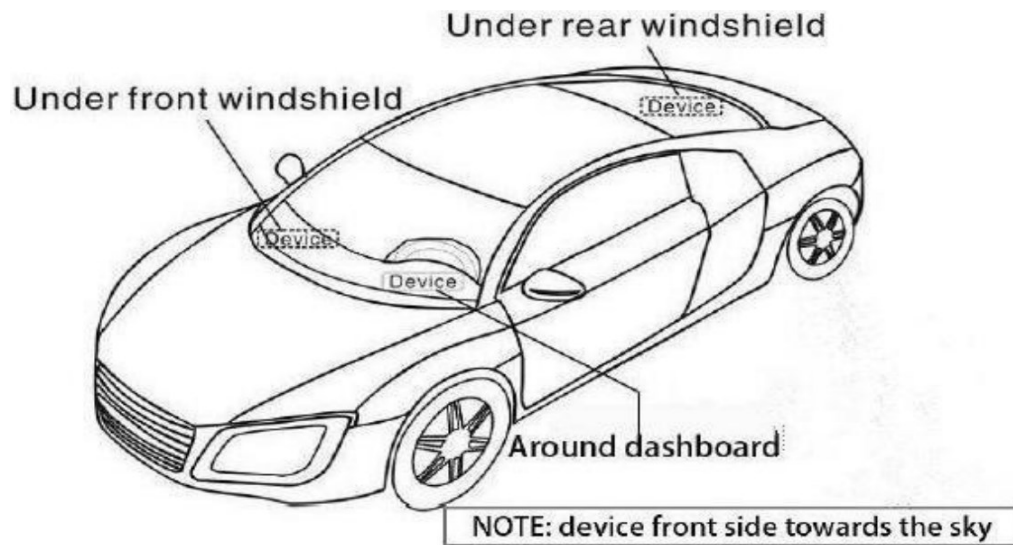


SOS button

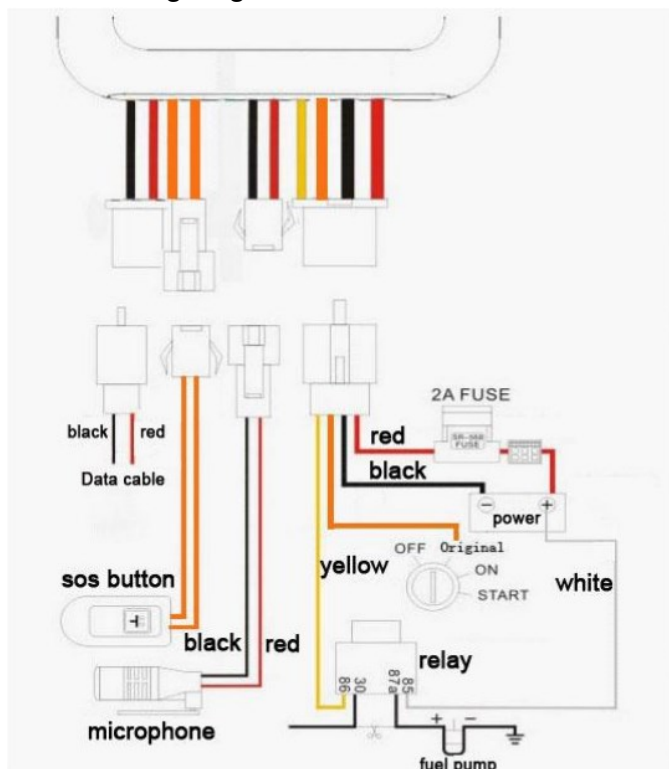
## Installation

### Installation location

Device front side towards the sky. When install in car, if the windscreen glued by metal thermal insulation layer or heating layer, it will reduce the GPS receive signal and lead to GPS work disorder



### Device wiring diagram



### Indicator description

#### Red – Power indicator

Status	Meaning
Flash every 2 seconds	Working normal
Not bright	Power off

## Yellow – GSM indicator

Status	Meaning
Flash every 2 seconds	GSM initialization
Constantly bright	GPRS online
Not bright	GSM sleep

## Blue – GPS indicator

Status	Meaning
Flash every 2 seconds	GPS searching
Constantly bright	GPS fixed
Not bright	GPS sleep

## Notices

1. GPS tracking can be worked outdoor. Must have a mobile phone signal and have GPS signal, which can block GPS satellite signal when there has metal and building above the GPS tracker
2. Please make sure GSM SIM card(2G GSM network or compatibility 2G GSMnetwork) supports making calls, sending messages, GPRS network.
3. Please make sure SIM card is with have money
3. Please make sure the GSM card has opened the call shows and turned off the call transfer. PINcode
4. Do not assembly and disassembly device at will.



## SMS command

### Setup IP and port

**Format:** IP + black + IP + blank + port

**Reply:** set IP OK

**Example:** IP 198.11.175.123 9026

### Modify SMS password

**The factory password is:** 123456

**Format:** password,password,new password

**Reply:** password ok

**Example:** PASSWORD,123456,666888 (new password is 888888)

### Setup APN

**Format:** apn,password,APN

**Reply:** apn ok

**Example:** apn,123456,internet (APN user name is internet)

**Setup APN user name**

**Format:** apnuser,password,user name

**Reply:** apnuser ok

**Example:** apnuser,123456,uiwap (APN user name is uiwap)

**Setup APN password**

**Format:** apnpasswd,password,APN password

**Reply:** apnpasswd ok

**Example:** apnpasswd,123456,654321 (APN user password is 654321)

**Setup admin phone number**

**Format** 101#phone number#

**Reply** OK

**Example:** 101#+8612345678910# (admin number is +8612345678910)

**Delete admin phone number**

**Format** D101#

**Reply** OK

**Setup sos 1 phone number**

**Fbormat** 102#phone number#

**Reply** OK

**Example:** 102#+8612345678911# (admin number is +8612345678911)

**Delete sos 1 phone number**

**Format** D102#

**Reply** OK

**Setup sos 2 phone number**

**Format** 103#phone number#

**Reply** OK

**Example:** 103#+8612345678912# (admin number is +8612345678912)

**Delete sos 2 phone number**

**Format** D103#

**Reply** OK

**Setup ACC on location update time interval**

**Format** freq,password,seconds

**Reply** OK

**Example:** freq,123456,20 (update every 20 seconds)

**Setup ACC off location update time interval**

**Format** static,password,seconds

**Reply** OK

**Example:** static,123456,60 (update every 60 seconds)

**Query google link**

**Format** G1234

**Reply** google link

**Query device state**

**Format** CXZT

**Reply** Device state

**Restart device**

**Format** CQ

**Reply** system reset OK!

**Recover factory setting**

**Format** FORMAT

**Reply** OK

**Stop Engine**

**Format** DY

**Reply** CUT OIL OK

**Recover Engine**

**Format** KY

**Reply** RESUNE OIL OK

**Voice Monitor**

SOS number can call the device or send SMS to the device for voice monitoring. **Format** 88

**Reply** No reply

**Setup sleep mode**

When device sleeps, it will turn off GPS and stay online. **Format** sleep,123456,interval

**Reply** OK

**Example:** sleep,123456,10 (mean when asset static for 10 mins, it will goes to sleep, if interval isconfigured as 0, it means no sleep )

**Setup timezone**


**Format** zone123456 e08

**Reply** OK

**Example:** zone123456 e08 (setup timezone to +8)

zone123456 w04 (setup timezone to -4)

**Documents / Resources**

 <p>Vehicle GPS Tracker (GT06/GPS438S)</p> <p>GT06 User Manual</p>	<p><a href="#">Anbtek GT06 Vehicle GPS Tracker</a> [pdf] User Manual</p> <p>GT06 Vehicle GPS Tracker, GT06, Vehicle GPS Tracker, GPS Tracker, Tracker</p>
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