

User Manual
AT-17 GPS Personal/ Tracker
(Vehicle/Motorcycle)



GPS TRACKER



ID: 7696000452



The AT-17 combined with the GSM and GPS technique and use the fireproofing material that arrived Industry standard which is 6PCS 18MM×3MM super magnet and IPX-5, the internal battery is 8000MAH that can standby 100 days. The AT-17 can track the vehicle and person's position by SMS and GPRS on line tracking software.

Application Fields

- Car Rental/Fleet Management
- Out Door Activity
- Children/Old Man/Deformed Man/Valuables
- Personal Safe
- Personal Management
- Tracking Position
- Animal Protection

1. Specification

Item	Standard
Recharge Voltage	DC 5V/1000mA (MICRO USB)
Internal battery	8000 mAh (3.7V)
Dimension	130 mm × 72 mm × 20mm
Weight	300g (include battery)
Work Temperature	-20° to 55° C
Work Humidity	5% to 95% Non-condensing
GSM Module	GSM 850/900/1800/1900Mhz
GPS Chipset	UBLOX7020
GPS Sensitivity	--162Db
GPS Frequency	L1, 1575.42 MHz
C/A Code	1.023 MHz chip rate
Channel	56 channel all-in-view tracking
Position Precision	10 meters, 2D RMS
Speed Precision	0.1 m/s
Time Precision	Satellite Time 1 microsecond synchronization
Default Date	WGS-84
Update Time	Average 0.1 sec.
Hot Start	Average 1 sec.
Warm Start	Average 30 sec.
Cold Start	Average 32 sec.
Maxi height	18,000 meters (60,000 feet) max.
Maxi Speed	515 meters/second (1000 knots) max.
Maxi Acceleration	Less than 4g

Moment Move	20 m/sec
Standby	100 Days
LED Light	Three LED light for recharge, GPS, GSM Status

2. Product Listing

- 5V 8000MA Charger (1PCS)
- USB Cable for charging (1PCS)
- User Manual (CD)
- GPS TRACKER AT-17 (1PCS)

3 .How to install the SIM Card in the AT-17

3.1 Open the package, check the model and accessories whether correct and full ,or contact your seller

3.2 Get ready a SIM Card .

3.3 Disconnect the waterproof bloc, insert the SIM Card .

Pay Attention:

- (1) Tracker will switch on automatically after insert the SIM card
- (2) SIM Card should open the GPRS function
- (3) SIM Card should open the “Caller ID display” function
- (4) If your SIM Card is open and need enter SIM PIN, please check your mobile phone user manual and close the SIM PIN function
- (5) Please confirm that the SIM Card have enough money.
- (6) To avoid the stealer break it, please put the tracker in a covert place
- (7) Do not put the tracker near the emissive source
- (8) Tracker have internal GSM and GPS antenna, please ensure that the tracker should face the sky without any metal block it

3.4 LED Status

3.5 Red Light- Recharge

LED Status	Description
Light On	Recharging
Light Off	Normally Work

3.6 Yellow LED - GSM

LED Status	Description
Flash One time in 2 seconds	GSM Initialization
Light On	GPRS Work Normally
Light Off	GSM Dormancy

3.7 Blue LED - GPS

LED Status	Description
Flash One time in 2 seconds	GPS finding the signal
Light On	GPS work normally
Light Off	GPS Dormancy

4. Tracker Recharge

Please recharge above 12 hours in the first recharging and use the original charger and battery.

Pay Attention :

- (1) Our battery have chemical composition ,please do not break or stick and throw it in the fire .
- (2) Please keep the batter have enough power

5. Work Mode

This tracker have two work mode which is SMS and GPRS Mode. SMS mode is for off line tracking by Mobile phone. GPRS Mode is for on line tracking by computer and mobile phone .

6. Tracker Default Work Mode

The Original password of the tracker is : 0000

The Default work mode is : Sleep Mode (SMS Mode)

All the alarm information will only to the first pre-saved number

Detail Operation

1. Controller phone number

Command: * controller phone number * user password *Sequence number (1-3) **

Eg: *13900000000*0000*1-3**

Reply : SET USER NUMBER 1-3 OK

Note: 1. Tracker can have three pre-saved number
2. New Number can cover the old number
3. No pre-saved number also can control the tracker, but alarm information only to pre-saved number

2. Change user password

Command: 777+new password +old password (4 figures)

Eg: 77700001234

Reply: SET USER PASSWORD OK

3. Work Mode Exchange :

SMS Mode Command : 700+ user password

Eg: 7000000

Reply: SET MODE OK, CURRENT MODE: SMS

GPRS Mode Command : 710+ user password

Eg: 7100000

Reply: SET MODE OK, CURRENT MODE: GPRS

4. Get Position by SMS

Command: g0000 or 6660000

Reply: when the tracker receive the command, then will send the position with longitude and latitude

Explanation : Any phone number can send command to the tracker to get the position from the tracker. (without admin number)

Explanation : If no admin account, any phone number can call the tracker, but without any reply from the tracker

5. Monitor

Command: 66

Explanation : the admin number send command to the tracker, then tracker will call the phone number and be the monitor mode .

6 . Vibration Alarm

6.1 Open vibration sms alarm: 125#

Reply: OK

6.2 Close vibration sms alarm: 126#

Reply: OK

6.3 Open vibration Phone Alarm: 122#

Reply: OK

6.4 Close vibration Phone Alarm: 121#

Reply: OK

6.5 Set the time of Shake Alarm 1-15 seconds

Command: vibtime123456,n

Reply: vibtime set ok

n(0~15),0 cancel shake alarm, the default is 3 seconds

Explanation : Before use this shake alarm, you need open the Defence function firstly .

7. Set Defence ON/OFF

Set Up Defence: 712+password

Eg: 7120000

Reply: SF OK

Set Down Defence: 713+password

Eg: 7130000

Reply: CF OK

8. Daily Report

Command: 665+user password+HHMM

eg: 66500001022

Reply : SET DAILY REPORT OK.

Close Daily report: 665+user password+OFF

eg: 6650000OFF

Reply : SET DAILY REPORT OFF

Note: HH stands for hour with defined range of [00, 23]. MM stands for minute with defined range of [00, 59].

9. Move Alarm

Turn On Geo-fence

Command: 211+ password

Eg: 2110000

Reply: GEO-FENCE ON

Set Geo Fence Command: 005+user password+Rzzz.z

E.g: 0050000R1.0 (1000M)

Reply: GEOFENCE ON

Turn geo-fence off

Command: 210+ password

Eg: 2100000

Reply: GEO-FENCE OFF

10. Overspeed Alarm

Command : #122#user password#X##

Eg: #122#0000#120##

Reply: SET RATE LIMIT:120

Close command : #122#0000#0##

Note : X is speed benchmark value, which is an integral number. unit is KM/H with defined domain of [0, 999].

11. Low Power Alarm

While device detect internal battery is low power, it will send low power alarm sms to you

12. Time Zone Exchange

Command: 896 + user password + D + NN

Eg: 8960000E08

Reply : TIME ZONE SET OK,CURRENT: E8.

Note : D takes E or W to indicate east or west time zone respectively. N takes a 2-digit number (1-12) to indicate time zone number.

13. Set Sleep Mode ON/OFF

Open Sleep Mode Command :SLEEP,0000,1

Close Sleep Command : SLEEP,0000,0

Explanation : Tracker will close gps/gsm/power in sleep mode for save power, once shake, tracker will work ag

For GPRS Work Mode :

14. Set Access Point Name (APN)

Command 1: #803#user password#APN##

eg: #803#0000#CMNET##

Command2 : #803#user
password#APN#APN user name#APN
password##

Eg: #803#0000#CMNET#intert#internet##

Reply: SET GPRS APN OK

15. Set server IP address and Port

Command: #804#user password#

IP # Port ##

Eg: #804#0000#115.160.150.155#

8080#

Reply: SET SERVER IP AND

PORT OK

16. Set Data upload interval time

Command: #805#user password#

X #1# (ACC ON)

eg: #805#0000#20#1##

Reply: SET GPS SAMPLING

TIME AND QUANTITY OK

Note : X is mean interval time, the unit is seconds, the wide is 【10, 59999】 , 1 is mean the interval quantity, when X=0, Close the upload function .

Special Command :

Reset Command : *RESET#0000##

Restart Command *RESTART#0000##

Read the current setup information Command: *RCONF# and *RCONF1#