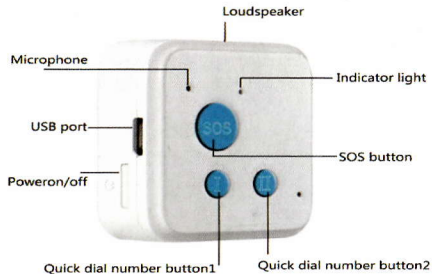


A12 Personal GPS Tracker

User manual


Product diagram



Instructions:

1. Please full charge gps tracker before use it.
(DC 5V, the new gps tracker need to be recharged 3-5 hours. When you charge the device, the red LED will be on; when the device with full charged, the green LED will be on)

2. Installation SIM Card , please insert SIM card into device, chips of SIM card

should up (), or gps tracker can't working normally.

3. Turn on device :

Red LED flashes quickly, the device powers on
Green LED keeps on for 20s and then off, GSM register successfully
Green LED keeps on for 20s and then off, device gets the GPS signal.
Both Red and green LEDs are off, device starts working normally.

Turn off device: Red LED flashes continuously

Get phone call: Green LED flashes for 1 s

Low battery: Red LED flashes twice quickly.

4 . Cell phone binding : **Please write in English mode.**

4.1 Special SOS Number Binding :

Attention:

Function for Special SOS number: geo-fence , monitoring

Send SMS command: SOS, cell phone number

Command format: SOS,13800138000

Reply format: SOS,OK

Note: If you want to replace the number you bound, you just need to bind a new one to replace it.

4.2 SOS button Number Binding

Send SMS command: SOS1,cell phone number

Command format: SOS1,13800138000

Reply format: SOS1,OK

Note: Can bind 3 phone numbers almost (SOS2,13800138000; SOS3,13800138000)
If you want to replace the number you bound, you just need bind a new one to replace it.

4. 3 Quick Dial Number Binding (button I) :
Send SMS command: QQ11,cell phone number
Command format: QQ11,13800138000
Reply format: QQ11,OK

4. 4 Quick Dial Number Binding (button II):
Send SMS command: QQ21,cell phone number
Command format: QQ21,13800138000
Reply format: QQ21,OK

4.5 Quick Dial Number Binding Cancellation (button I)
Send SMS command: DELQQ,11
Reply format: DEL, OK

4.6 Quick Dial Number Binding Cancellation(button II)
Send SMS command: DELQQ,21
Reply format: DEL, OK

Notes: DELQQ,11 Deleting number of the First Quick Dial
DELQQ,21 Deleting number of the Second Quick Dial

4.7 (Location) Get Terminal Position by SMS

Send SMS command: "DW"to the SIM Card in the device, it will reply the terminal current geography location map link.

4.8 Geo-fence Setting (it would alarm once device Geo-fence working out of range in outside)

Please note: this function only can set successfully after the device get the location.
The device will get the current position as the center of the circle after you enable this function.

Note: when the device leave current position or over the range you set, the device will send SMS alarm to the special SOS number.

Send SMS command: CWL, mode, radius range

Activate:

Command format: CWL,1,200

Reply format: CWL,1,OK

Close:

Command format: CWL,0

Reply format: CWL,0,OK

PS: 200m means the radius is 200m.

4.9 Voice Monitoring

Note: Only the special SOS binding number (4.1) can use this function

Send SMS command: **GT,1** to the SIM Card in the device, device will make calls to the special SOS binding number

On:

Command format: GT,1

Reply format: GT,1, OK

Off:

Command format: GT,0

Reply format: GT,0, OK

4.10 Battery status:

Send SMS command: **SR,1** to the SIM Card in the device, device will reply the status of the electric quantity.

Reply format: Battery: 100%

4.11 Low Battery Alarm

when the device battery power supplied by the build-in battery only, battery status is shows less than 10%, the device will send low battery alarm to the binding number and the platform.

4.12 Power Saving Mode Setting

You can set the mode to save the battery by sending commands

ON:

Send SMS command: MD,1

Reply format: MD,1,OK

OFF:

Send SMS command: MD,0

Reply format: MD,0,OK

4.13 IP Setting

Send SMS command: SERVER,Mode,IP/DNS address,Port

Command format: SERVER, 0, 58.64.200.21, 6780

Reply format: SERVER, 0, OK.

4.14 GPS Uploading Time Setting(can save battery)

Send SMS command: UP,time

Command format: UP,60 (Upload Time:60s/per time)

Reply format: UP,OK

4.15 Terminal Information Checking

Send SMS command: **CX** to the terminal's SIM card, get the basic information of the terminal, also can check IMEI ID, IP address

Command format: CX

Reply format:

IMEI: 353505320000000;IP:0.0.0.0;port;0000;

APN=,user=0000.name=0000

5. Live Tracking Monitoring Platform

Global tracking service platform website: yun.gps112.net

Process:1.click link yun.gps112.net

2. Log in Account and password

Account is IMEI ID in the back of device

Demo password is 123456

6. Tracking by Android and IOS APP, WECHAT platform

Please enter the website of tracking service, use your phone to scan QR Code and download the APP.



Process:

1. Scan QR code and open phone's window

2. Log in Account and password

Account is IMEI ID in the back of device

Demo password is 123456

Terms	Parameters
Work voltage	3.7-4.2VDC External Battery
Work current	Standard Mode 50mA @ 5VDC® Power Saving Mode:15mA @ 5VDC
Dimension	44*39*15(mm)
Frequency	Quad-band: 850/900/1800/1900MHz
GPS Performance Index	Receive Channels: 12 parallel channel Position Accuracy : <10m(95%)
GSM Performance Index	Position Accuracy: 50m(60%) 150m (95%) It will depend on the local base station number and density
Output Interface	Charge/Digital Port
Antennas	GPS Antenna: build-in GSM Antenna: build-in
Work temperature	-20℃~+70℃
Work Humidity	5%~95%
Storage Temperature	-40℃~+85℃