Personal GPS Tracker TL-601 User Manual

1.Appearance

Microphone
LED Screen
Magnetic Charging Interface
Function Button
Speaker
Heart Rate Sensor
Body Thermometer
SOS Button
Power Button

The screen display is rotatable. It shows date/time/battery level/network status/heart rate value/step/body temperature.

2.Specifications

Content	Specs
3G HSPA Bands	800/850/900/1900/2100MHz
4G LTE CAT-1 Bands	Europe: B1/B3/B7/B8/B20 America: B2/B4/B12P Australia: B1/B3/B5/B7/B8/B28
Dimensions	68 * 45 * 20mm
Weight	72g
Waterproof Level	IP67
Color	Black
GPS Sensitivity	Tracking: -165dBm Re-acquisition: -163dBm Acquisition: -148dBm
GPS Accuracy	<10m
GPS Start time	Cold start: 36s Warm start: 22s Hot start: 1s
OLED Resolution	128 *64
Battery Capacity	1400mAH
SIM Card Type	Nano SIM
Firmware Upgrade Mode	OTA/USB
Maximum Standby Time	10 Days
The Longest Working Time (5Min upload data once)	58 Hours
Regular Charge Current	500mA (Max)
Charging Time	3-4Hours
Wireless Charge Current	200mA (Max)
Charging Time	7-8 Hours
Operating Temperature	-20°C to +65°C
Working Humidity	5% — 95%

3.Charging

Enable to be charged by wireless charger and portable USB magnetic charging cable.

4.Inserting a nano SIM card

Open the device by screwdriver, put SIM card into the card port in proper direction. And then please tighten the device to make sure the waterproof function.
Note: To avoid damaging the battery, please make sure the SIM card slot is closed before screwing back the device.

5.Switching the device on and off

Long press the power button for more than 3 seconds until the tracker vibrates, the tracker is switched on/off.
Note: It's better for device to get the signal outdoor or near the window.

6.Set the authorized phone numbers

You can set 8 authorized phone numbers at most.
Send command **123456A1, authorized phone number** via SMS, the device replies: 1 TEL OK! authorized phone number.
Example: **123456A1, 18588955622**, shown as the following picture:

Note: A1 means the first authorized phone number, A2 means the second one and A3 means the third one until A8. There is no space in the text and all the letters of commands must be capital.

7.SOS emergency call

Long press SOS button until the device vibrates. SOS alert will be triggered. It will send SOS message to the first authorized phone number and make a 2-way call to A1-A8 authorized phone numbers. Note: If A1 misses the calling, the device will call to the next one until someone answers.

8.Make a phone call by the device

Long press the function button, the screen will show authorized phone number list, you can switch to next number by pressing power button. To activate the phone call or hang up, press SOS button

Function Button
Power Button

Note: Long press the function button again, it will return to the home page. To adjust the call volume, you can press function button to turn it up and press power button to turn it down

9.Answer the phone call

The default setting is to answer the phone automatically after the device rings 4 times. If you want to change it, send command **123456Q3,1** via SMS, then you can pick up the call by pressing the function button and hang up the phone by pressing the SOS button.

10. Listen-in function

Send command **123456U1** via SMS, the device answers automatically and goes to the listening in mode when you make a call to the device. **Note:**The default setting is two-way audio (**123456U0**). Command of U1 and U0 cannot be used at the same time, you can send command **123456U1/123456U0** to switch it.

11.Fall down alert

Send command **123456KLXXX** to set threshold, XXX is 3 digital number (000≤xxx<255). 000 means to close the fall down alarm function and 255 means the most sensitive fall detection.
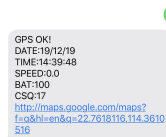**Ps.**XXX is advised to be from 045 to 060.
For example, Send command **123456KL060** via SMS, the device will reply "SET Low-g Threshold OK!" then when fall down alert is triggered, the device will send message to the first authorized phone number and give call to A1-A8.
Note: If A1 misses the calling, the device will call to the next one until someone answers.

SET Low-g Threshold OK!

3月11日周三 16:35

Mdown!
DATE:20/03/11
TIME:15:35:26
SPEED:0.6
BAT:40
CSQ:23
http://maps.google.com/maps?f=q&hl=en&q=22.7621166,114.3612733

12.Get the single positioning

Send command **123456F** via SMS. The device will search the GPS signal to get the latest location. If it fails, the device will reply invalid information.

GPS OK!
DATE:19/12/19
TIME:14:39:48
SPEED:0.0
BAT:100
CSQ:17
http://maps.google.com/maps?f=q&hl=en&q=22.7618116,114.3610516

13.Connect to our tracking platform

(1) Set APN, IP and port
Send command **123456CAPN,IP:Port** via SMS.(APN can be acquired from the SIM card operator and IP port is 112.124.14.58:9289)
Example: **123456CCMNET, 112.124.14.58:9289** (CMNET is APN.)

(2) Send command **123456D** to turn on GPRS.
Note: Please confirm the SIM Card GPRS data is activated.

(3) Send command **123456B** to get the IMEI number, then share the IMEI number with us. We will offer you an account for logging the platform PC/Phone platform website: **www.glotracking.com/m**
Ps. You can scan the QR code on the bottom left of the webpage to download APP for IOS and Android.

14.More functions of the Device

Command list is attached below for your further information, if you have any question pls do not hesitate to contact us.

Command list

Function	Command	Example
Set authorized phone number	123456Ax,phone number	123456A1,18588955622 x: (1-8)
Delete the authorized phone number	123456Ax,D	123456A1,D x: (1-8
Set contact name display	123456a,phone number,name	123456A1,18588955622,Lucy x: (1-8) name words maximum is 26
Set body temperature in Celsius or Fahrenheit	123456Tx	123456T0 or 123456T1 X: 0 means Fahrenheit 1 means Celsius
Set router's user name and password	123456WIFIxxx,yyy	123456WIFIUSER,PWD xxx: means user name yyy: means password
Set the number of WIFI included in the GPRS protocol	123456Wx	123456W3 X range is 0~3, 0 means WIFI information is not included in protocol.
Set call to two-way call mode	123456U0	The default setting is 123456U0.When you make a phone call to the device, it will be two-way call mode.
Set listen-in mode	123456U1	When you make a phone call to the device, it will be listen-in mode.
SOS mute call	123456U2	It will be listen-in mode when making a SOS call.
SOS audio call	123456U3	It will be 2 Way audio call when making a SOS call.
Set whether the call needs to be verified as an authorization number	123456Q2,x	123456Q2,1 x: 0=Only authorization number can make a call to the device. 1= Device can answer any call (Default is 0)
Set two-way call mode, the call can take the initiative to answer or hang up	123456Q3,x	123456Q3,1 x: 0=The device takes the initiative to answer the call 1=You can pick up the incoming phone by pressing function button or hang it up by pressing SOS button (Default is 0)
Set turn on voicemail recognition	123456Q4,1	After this function is enabled, when there is an SOS/Fall down alarm and the call is successfully made, the recording is played remotely to the other party, prompting the other party to press 1 to confirm that the call is answered manually. If the other party does not press the button 1 within 20 seconds, the machine will hang up automatically. Phone, dial the next phone number.
Set turn off voicemail recognition	123456Q4,0	The default is turn off
Set fall down alarm	123456KLxxx	123456KL045 xxx: fall down threshold (Sensitivity), 000≤xxx<255, 000=Close the fall down alarm function. Suggestion: xxx=050
Set Low Battery Alarm	123456Nx,yy	123456N1,30 x:0=turn off,1=turn on yy: low battery threshold (less than 45, more than the lowest threshold)
Set Fully-charged Alarm	123456N2,x	123456N2,1 x:0=turn off,1=turn on
Single positioning	123456F	
Set GEO fence alarm	123456x,y,z, aabbccddeeffgghhiijjkkllmmnneppppqqrrss	123456I1,1,1,51113525N009125670E 50241115N011011173E x: Electronic fence number group (1-5) y: 0=turn off,1=turn on z: 0=come in,1=come out e: N=north latitude, S=south latitude f: E=east longitude, W=west longitude
Set OLED screen extinguishing time	123456L2,xx	123456L2,05 xx:00 mean OLED screen display always on,The maximum is 99
Set local time zone	123456Lxyy	123456L+08 (Default time zone is +08) x=- West, x=+ East
Set continuous tracking time	123456Mx,yyyz	123456M1,005M x: 0= turn off,1=turn on yyy: Set the time (001-255) z: S=seconds, M=minute, H=hour

Function	Command	Example
Ask for the version of IMEI, Hardware and Software	123456B	
Set APN, IP and port	123456CAPN,IP:Port	123456CCMNET, 112.124.14.58:9289 The user can obtain APN from the local SIM card operator
Turn on GPRS	123456D	Default is off
Turn off GPRS	123456E	
Set GPRS user name and password	123456O&&&,@@@	123456Ointernet,internet123 &&&: GPRS User name @@@: GPRS password
Set GPRS domain name, port	123456Rhttp://Domain; Port	123456Rhttp://liaohong.vicp.net;6000 Domain: Domain name Port: The port number
Delete the GPRS domain name, port	123456R;	123456Rhttp://liaohong.vicp.net;6000 Domain: Domain name Port: The port number
OTA Update	123456UV	Please make sure its battery level is above 50% when send this command to upgrade tracker into the latest version.
Reset the device	RESET!	
Turn off the device	123456K	The device will be turned off automatically.

Ps: For more command details pls be free to consult us!

15.Reset the device

Send command **RESET!** via SMS, the device will reset to the factory settings.
Note: The device will restart after sending command **RESET!** without further response.

Cautions

1.Don't put the unit in overheated or overcooled places.
2.Handle carefully. Don't vibrate or shake it violently.
3.Don't paint the unit, this may cause some foreign materials left in between the parts.
4.Please don't disassemble or refit the unit. The system should be installed by technical personnel.
5.Please use the battery and charger provided by manufacturer. Using other batteries and chargers will cause unwanted situation.
6.This product should be used in the normal condition of GPS signal and GSM signal. If not, it will result in the inability to locate (GPS) or locate data that cannot be transmitted (GSM).
7.The product has position tracking and listen-in functions, the user must use it within the legal limit. If the user illegally use it (such as Invasion of privacy) that lead to damage of others' rights and interests, the consequences are the user's responsibility.
8.This product is obtained by satellite to get the position information. Position data drift is normal, because it is limited by satellite positioning transmission characteristics.

Warranty

One Year.