# Personal GPS Tracker TL-406 Manual

## 1 Appearance
Waterproof with two-way communication, SOS alarm, fall down alert, auto tracking and precious positioning. It is suitable for children, elderly, lone workers, patients, and vehicles. You can implement real-time tracking via the mobile phone app or tracking platform.

## 2 Specifications

| Content | Specs |
|---|---|
| 2G | Europe 900/1800MHz |
| 3G HSPA Bands | America B2/B4/B12 Europe B1/B8 Australia B1/B5 |
| 4G LTE CAT-1 Bands | Europe B1/B3/B7/B8/B20 America B2/B4/B12 Australia B1/B3/B5/B7/B8/B28 |
| Dimensions | 43x70x21mm |
| Weight | 55.2g |
| Waterproof Level | IP67 |
| GPS Sensitivity | Tracking -165dBm Re-acquisition -163dBm Acquisition -148dBm |
| GPS Accuracy | <10m |
| GPS Start Time | Cold start 36s Warm start 22s Hot start 1s |
| Battery Capacity | 1100mAH |
| SIM Card Type | Nano Sim |
| Firmware Upgrade Mode | OTA/USB |
| Work time | Max 72hours |
| Charging time | 3-4hours |

## 3 Charging
Contact the charging interface by the magnetic USB cable.

## 4 Inserting a nano SIM card
Open the device with screwdriver, put SIM into card port in proper direction. Tighten the device to make sure it is waterproof.
**Note:** To avoid battery damage, ensure the SIM clot is closed before screwing back the device

## 5 Switching the device on and off
Hold the power button for more than 3 seconds until tracker vibrates. This indicates on/off.

## 6 Set the authorized phone numbers
You can set 8 phone numbers at most
Send command **123456A1, authorized phone number** via SMS, the device replies: 1 TEL OK! Authorized phone number.
**Note**: A1 means the first phone number, A2 means the second etc.. until A8

## 7 SOS Emergency Call
Hold SOS button until device vibrates. SOS alert will be triggered and will send message to phone numbers A1-A3 and call A1-A8
**Note:** If A1 misses the call, the device will automatically call the next until someone answers.

## 8 Making A Phone Call
Hold Call 1 button or (dial A4) or Call 2 button (dial A5) for 2 seconds, release when vibrates and the GSM or GPS indicators flash quickly. You can hand up the phone call by pressing SOS
**Note**: To adjust the call volume, press Call1 to turn it up and Call2 to turn it down.

## 9 Answer the Phone Call
As default it will automatically answer after 4 rings. To change this send command 123456Q3,1 via SMS you can then pick up the call by pressing the function button and hang up with the SOS button

## 10 Listen-in Function
Send command 123456U1 via SIS, the device answers automatically and goes to 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
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 a message to the first authorized phone number, then A2 etc.

## 12 Get the single positioning
Send command 123456F via SIS. The device will search the GPS signal to get the latest location.

## 13 Connect to our tracking platform
(1)Set APN, IP and port. Send command 123456CAPN,IP:Port via SMS
(2)Send command 123456D to turn on SPRS.
(3)Send command 123456B to get the IMEI number, then share the IMEI number with us. We will offer you an account for logging into the platform www.glotracking.com/m

## 14 Reset the Device
Send command RESET! Via SMS, the device will reset to factory settings and restart.

## Cautions
(1)Don't put in over heated or overcooled placed
(2)Handle carefully, do not shake or vibrate
(3)Do not paint the unit
(4)Do not disassemble or refit the unit
(5)Please use the battery and charger provided only
(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 or locate data that cannot be transmitted
(7)The product has position tracking and listen-in functions, the user must use it within the legal limit. Such as invasion of privacy.

**Warranty: 1 Year**



| Function | Command | Example |
|---|---|---|
| Set phone numbers | 123456Ax,phonenumber | 123456A1,18588955622 X: (1-8) |
| Delete phone numbers | 123456Ax,D | 123456A1,D X: (1-8) |
| Set call to two way call mode | 123456U0 | Default setting is 123456U0 |
| 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 SOS call |
| SOS audio call | 123456U3 | It will be 2 way audio call when making 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 |
| Set two-way call mode | 123456Q3,x | 123456Q3,1 X: 0= the device takes the initiative to answer the call 1= you can pick up the incoming call by pressing function button or hang up using SOS button |
| Turn on voice recognition | 123456Q4,1 | |
| Turn off voice recognition | 123456Q4,0 | The default is turn off |
| Set fall down alarm | 123456KLxxx | 123456KL045 XXX: Fall down threshold, 000<xxx<255, 000=close the fall down alarm function |
| Set low battery alarm | 123456Nx,yy | 123456N1,30 X:0=turn off 1=turn on YY: low battery threshold |
| Set fully charged | 12346N2,x | 123456N2,1 |
| Alarm | | X:0 turn off, 1=turn on |
| Single positioning | 123456F | |
| Set local time zone | 123456Lxyy X= West, x=+ East | 123456L+08 (default time zone is +08) |
| 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 |
| Turn on GPRS | 123456D | Default is off |
| Turn off GPRS | 123456E | |

## Rehab and Mobility Wholesalers