GPS TRACKER

Manual



Thanks for reading!

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www.mytkstar.net

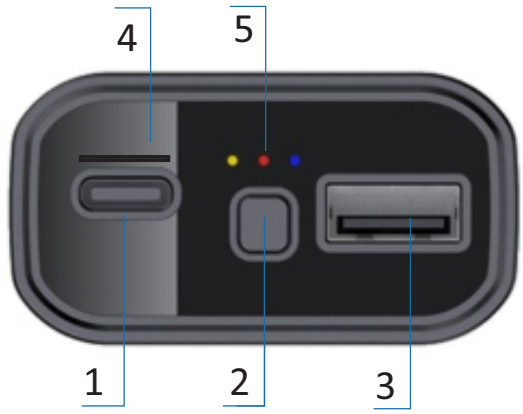
GPS TRACKER USER MANUAL



Specifications

Model NO:	TK818-4G
Size:	85mm*49mm*26mm（3.35"*1.93"*1.02"）
Net Weight:	41g
LTE/4G	LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B12/B13/ B18/B19/B20/B25/B26/B28/B66 LTE-TDD :B34/B38/B39/B40/B41
NetWork:	GSM/GPRS/EDGE
GPS accuracy:	5m
Input:	DC 9V - 32V
Output:	TYPE-A: DC 5V/2A; 9V/2A TYPE-C: DC 5V/2A; 9V/2A

Getting to know your GPS tracker



1.Type-C port 2.SOS Key 3.Type-A port
4.SIM card slot 5.Indicator light

INDICATOR LIGHT STATUS	MEANING
Yellow light -Solid	GPRS connection
Yellow light -Flash	No GPRS signal
Blue light -Solid	GPS connection
Blue light -Flash	No GPS signal
Red light -Solid	GPS working
Red light -off	GPS sleep/power off

1.Purchase SIM card

Buy a Normal SIM card(**Nano** SIM card), register the SIM card and top up with credit.

NOTE: ONLY GSM or LTE SIM card works in this model
IF you have bought a Nano/Micro SIM card, you will need to use an adaptor to fit in.
Make sure the SIM Card's PIN code is deactivated.
Make sure the calls transfer is not active.

2.Remember SIM card number

Make a note of your GPS SIM card number.
NOTE: GPS ONLY workes outdoor.

3.Installation of SIM card

- Insert the SIM card into the SIM card slot.



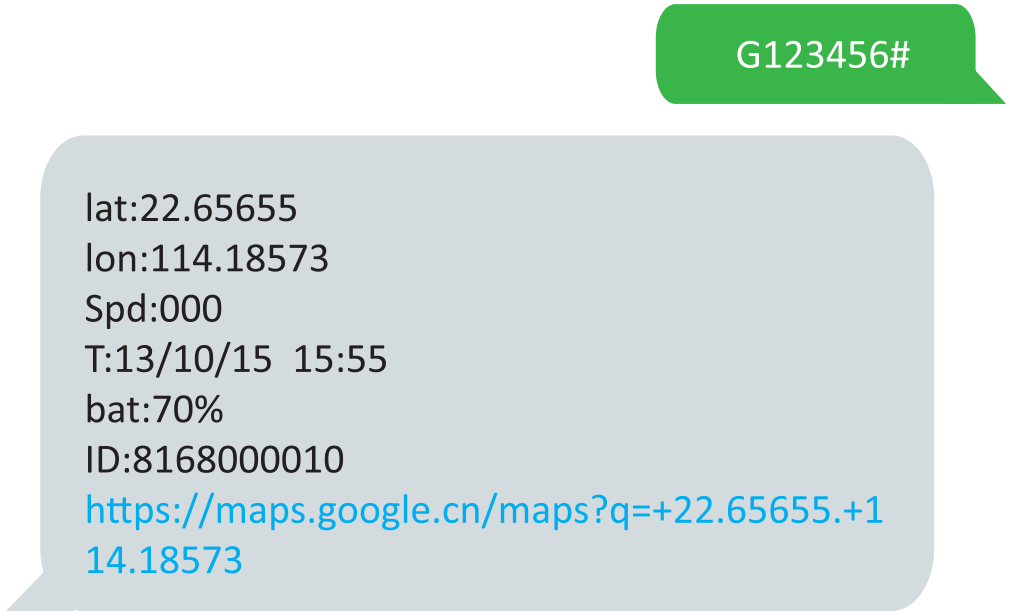
Note: Before installing or removing the SIM card, please cut off the power of the terminal; Connect the cigarette lighter after inserting or removing the sim card.

- The installation product is a standard cigarette lighter interface. Find the vehicle cigarette lighter port to install the device, the red indicator light of the device will light up after installation.
- After the device works normally, paste the dustproof sticker on the SIM card holder.

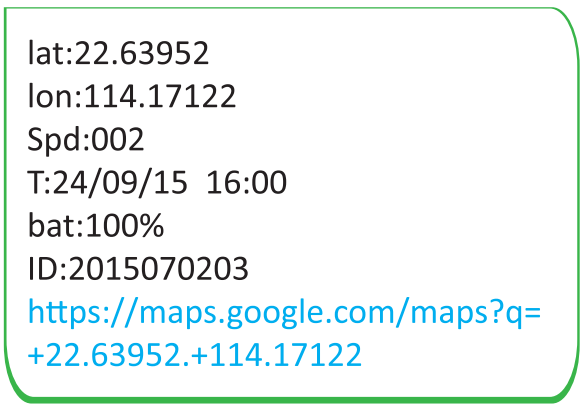
4.SMS TRACKING

(Note: The following yellow space is a blank in SMS command)

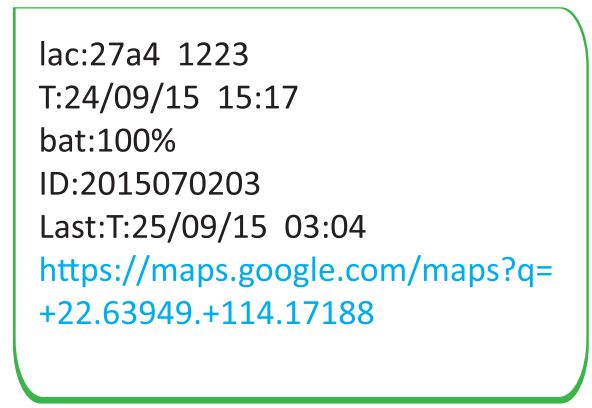
4.1To receive a Google map link of the location of the GPS tracker: Send a message" G123456# " to the SIM Card number or Call the SIM Card number in the GPS tracker. You will receive a text message with a Google map link. Click the link to be diverted to a Google map, pinpointing the exact location of the person with the GPS tracker.



Explanation of parameters/codes in SMS message



Pic 1



Pic 2

(Replied real-time tracking information under GPS satellites signal.)

- lat:22.63952 lon:114.17122
  Positioning of the latitude and longitude values.
- spd:002
  This refers to the device moving speed. The unit is km/h.
- T:24/09/15 16:00
  real-tracking time, the Default is London time, You can set language and time zone in APP.
- bat:100%
  The battery value is between 10% and 100%. Once it is less than 20%, it alarms.
- ID:2015070203
  Device ID NO. to log in APP and platform.
- Google maps link
  This is the link to the Google map showing the position of tracker unit.

(Replied LBS tracking information without GPS satellites signal.)

- lac:27a4 1223
  Real-time LBS positioning data.
- T:24/09/15 15:17
  LBS positioning time.
- bat:100%
  The battery value is between 10% and 100%. Once it is less than 20%, it alarms.
- ID :2015070203
  Device ID NO. to log in APP and platform.
- Last:T:25/09/15 03:04
  This is the time when tracker got last GPS signal.
- Google maps link
  This is the position of last GPS signal appeared.

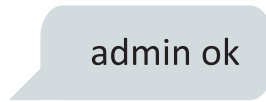
4.2. Admin number setting (After admin number setting, all SMS operations to the device are under this number only.)

Command: admin123456 phone number （This phone number is your own mobile phone number , not the SIM card number in tracker .）

Reply：admin ok

E.g：admin123456 00861326XXXXXX





When the unit is in over-speed alarm, shake sensor alarm, or low battery alarm, it will send alert to the admin number.（13265790180）

Admin number Canceling:

Command： noadmin123456

Reply：noadmin ok

4.3. Terminal (local) Time Setting(factory setting GMT0)

Command：timezone123456 local time zone

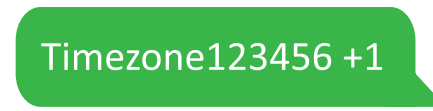
Reply：time ok!

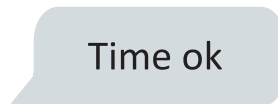
E. g：

timezone123456 +1

timezone123456 -1

timezone123456 0





(**note:** it's used for changing the timezone in SMS positioning)

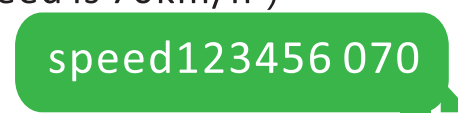
4.4. Over-speed Alarm setting (It works only in Sleep by shock sensor mode mode.)

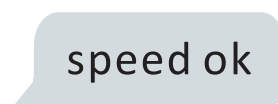
Over-speed Alarm setting:

Command: speed123456 070 (Suppose speed is 70km/h)

Reply: speed ok

E.g:





When the unit speed is over 70km/h, it will send message “speed alarm!” to the admin number every 5 minutes.

Over-speed Alarm canceling :

Command : nospeed123456

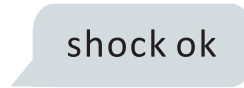
Reply: nospeed ok

4.5. Shake Alarm setting

Command: shock123456

Message Reply: shock ok





Note:Pls keep the tracker being stationary for 5 minutes, this function will work. The tracker will send SMS “sensor alarm!” to the admin number when the unit get shaked.

Shake alarm Canceling:

Command: noshock123456

Reply: noshock ok

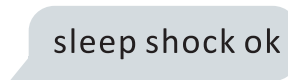
4.6. Device working mode setting

Sleep by shock sensor mode setting: (Factory setting is “Sleep by shock mode“)

Command: sleep123456 shock

Reply: sleep shock ok



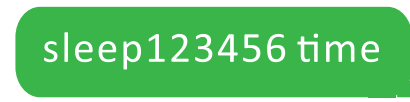


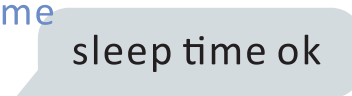
(No shock for 5 minutes, the tracker will work in “sleep by shock” mode, GPS shut off, GSM works in low consumption. Vibration, SMS, calling can wake up the tracker.)

Sleep by time mode setting：

Command: sleep123456 time

Reply: sleep time ok





(Tracker only works for 5 minutes after being waked up, and back to sleep mode, GPS shut off, GSM works in low consumption mode. SMS command, calling tracker can wake up the tracker.)

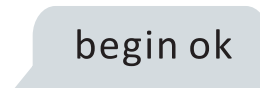
4.7. Reset Hardware

Command：begin123456

Reply：begin ok

E.g：





(**note:** all other settings are restored to the factory state except for the APN setting)

5.START ONLINE TRACKING

(Note:If you inserted the correct SIM Card and the device is online on the APP, no need to send the following APN setting commands.)

5.1Set the APN for the tracker, then its online tracking by APP and platform works.

Every sim card carrier has own APN content, we have two methods to find out apn content : check sim card carrier on internet or put sim card into cell phone to find out APN

Set apn by sending command "apn123456 content", "apnuser123456 content" "apnpasswd123456 content" pls note the content is from SIM card carrier, there is small blank after 123456 in every command.

After the apn setting is successful, please re-insert the sim card to boot the device.

COMMAND INSTRUCTION TO SET APN

INSTRUCTION	COMMAND	REPLY
Set APN (any existing will be replaced)	apn123456 apn content	apn ok
Set APN username	apnuser123456 content	apnuser ok
Set APN password	apnpasswd123456 content	apnpasswd ok

For SpeedTalk SIM card in the US, the APN information we got it as follows:

APN: Mobilenet

APN username: (none)

APN password: (none)

So please use your phone, and send 1 text commands to the SpeedTalk SIM# step by step to set apn:

Send SMS: apn123456 mobilenet

Once receives:apn ok

Then please remove and re-insert the SIM card from the device to reboot the device

5.2 WEBSITE TRACKING

Platform : www.mytkstar.net
Select "Log in by ID" on the bottom of screen.
ID No. : on the back side of cover.
Password: 123456

5.3 APPLICATIONS FOR ANDROID/ IOS

Search "WINNES GPS" in the Apple App Store/Google Play Store or Scan the QR Code to install the applications on your cell phone.

WINNES GPS
CHANGSHA YUNANG NETWORK TECHNOLOGY CO..

5.3.1 Login by ID (Only one tracker)

Select "Log in by ID" on the bottom of screen
Server: www.mytkstar.net
ID No. : on the back side of cover
Password: 123456

5.3.2 login by username

Note: If you have two tracking devices or more, you can click "Sign Up" on the app to register an account to track multiple devices at the same time, device ID numbers can be added to your account through the app .

Select "Login by username" on the bottom of screen
Server: www.mytkstar.net
username: The email you used to create your account.
Password: The password you set when registering your account.

5.3.3 Real-time tracking

Real-time tracking not only can track the position of the device, but also can track the position of smart phone
On map click "+" and "-" to zoom in and zoom out the map.
Click "  " to view different location between smart phone and device,

and click "  " to change the map vision between 2D/3D.

EXPLANATION OF OTHERICONSIN APP:

Historical route: It could find the route map for nearly six months by choosing the beginning and ending time.

Geo fence : It will generate an alarm on App when the device is out of the Geo fence you set.

Issue: Issue commands to the device.

Device info: The information of device.

Alert message: The alert message generated by the device.

Account Info: The information of account.

Notifications: Turn on/off the different alarm types for the device.

Explanation of settings in the "Issue" icon:

Set Admin number: The phone number that can control the device by SMS, and receive the alarm message.
(Canceled by deleting the phone number and clicking "OK".)

Set SOS number: The number that can receive the alarm message.
(Cancel the sos number by deleting the phone number and clicking "OK".)

Low Battery Alarm Switch: Turn on/off the low battey alarm message function.

Set Overspeed Alarm: Input speed value to set it.
(Cancel the overspeed alarm by entering "0" and clicking "OK".)
Alarm occurs when the speed exceeds the set speed.

Vibration alarm switch: if the vibration alarm is switched on , you will receive a vibration alarm when tracker vibrates in sleep mode.
If vibration occurs after 5 minutes of continuous stationary, an alarm will be issued.

LED: Turn on/off the LED indicator light.

Set Language and Timezone: Set the language and time zone for SMS tracking message.

GPS work mode setting:
For select the upload frequency of device positioning data: factory default is 60 seconds

6. FAQ and processing methods.

1.Fail to turn it on:
Please check if battery is charged.

2.No SIM signal:
- Please check if SIM card installed correctly
- Please check if SIM card is support GSM or LTE network
- Don't turn on the PIN code
- No calls can be diverted

3.No GPS signal:
A more open view of the sky is recommended to make sure the device can receive the GPS signal normally.

4.No reply to SMS command:
The command format is wrong or insufficient SIM card balance.
Please make sure SIM card has sufficient balance, and supports making calls, sending messages, GPRS network,and has opened the call shows and turned off the call transfer.

5.SMS position OK, cannot use the APP and web platform:
Please check if APN is correctly set. And find out the correct APN content of the SIM card. (Pls refer to 5.1 setting.)

6.Platform position is difference from the actual position:
No uploading position time or no GPS signal: call the device phone number and receive the position message. If it shows like Pic 2, it means no GPS signal. The position is the last GPS positioning location; If it shows like Pic 1, it means the device doesn't reach the uploading time.
Notices: Do not assembly and disassembly device at will.

ELECTROMAGNETIC COMPATIBILITY

Very strong magnetic fields (e.g. transformers) should always be avoided as this may result in variations in the transmission. Failure to follow these instructions may lead to malfunctions or damage to your Winnes GPS device.

RISKS FOR CHILDREN AND PEOPLE IN NEED OF CARE

The use of this device is not intended for people (including children) with limited physical, sensory or mental abilities or lack of experience and/or lack of knowledge, unless they are supervised by a person responsible for their safety or have been instructed on the use of the device.

Note: Some countries, states or regions have laws related to location based tracking of people, animals and objects. It's the sole responsibility of the owner and user to abide by the law and rules in the area the Winnes GPS device is used. Please switch off the Winnes GPS tracker before boarding a plane.

SAFETY ADVICE

A faulty electrical installation or an excessive mains voltage may cause an electric shock.

• Before use, adjust the mains voltage of the socket with the information on the type plate.

• Before use, make sure that the mains voltage of the socket corresponds with the information on the type plate.

• To be able to disconnect the charging cable from the mains as quickly as possible in the event of a failure, connect the power supply unit where it is easily accessible.

• If you notice any visible damage to your GPS tracker or charging cable, do not use it.

• Do not open the housing of the GPS tracker. Leave the repair to qualified specialists. However, if you carry out repairs yourself, connect the GPS tracker incorrectly or operate it incorrectly, liability and warranty claims are excluded.

BATTERY OPERATION

Your transmitter is operated by a rechargeable lithium polymer battery. Below you will find some advice on the use of rechargeable batteries:

• The battery of the Winnes GPS device cannot be replaced and must not be removed.

• Batteries may not be disassembled, thrown into fire or short circuited.
• Do not burn or pierce the GPS tracker. Protect it from mechanical damage.
• Never expose the Winnes GPS device to excessive heat such as sunshine, fire or the like! This increases the danger of battery leakage.
• Only use the USB cable that came with your Winnes GPS device. The use of other cables might overcharge the battery and can lead to fire or explosion.
Disregarding these instructions can cause damage and possibly even cause the battery to explode.

DISPOSAL



Batteries are hazardous waste. For the correct disposal of batteries, appropriate containers are provided at the premises of commercial battery as well as local council waste disposal facilities. If you want to dispose of your GPS device, follow the current local provisions at the time. Information may be obtained from the local council waste disposal facility.



Dispose of the packaging according to type. Add cardboard to the paper bank, plastics to the recyclables collection.

DECLARATION OF CONFORMITY

CE RED Directive 2014/53/EU:
Short text of the Declaration of conformity: Juneo hereby declares that the Winnes/TKMARS GPS Tracker (item no. TK818-4G conforms to the fundamental requirements and other relevant provisions of directive 2014/53/EU.
The full text of the declaration of conformity can be viewed on our website:
www.mytkstar.net/en/doc.html