

GSM/WCDMA/GPRS/GPS

TK318 GPS Tracker User Manual



Preface

Thank you for purchasing the tracker. This manual shows how to operate the device smoothly and correctly. Make sure to read this manual carefully before using this product. Please note that specification and information are subject to changes without prior notice in this manual.

Any change will be integrated in the latest release. The manufacturer assumes no responsibility for any errors or omissions in this document.

♦Quick using

- 1) Open device silicone plug, proper insert GSM card, connect external power supply.
- 2) Put device outside, around 30s three lights will keep lighting on stands for device can work normally.
- 3) If need track online system, Please set IP, Port, APN.
- 4) Login platform to track in real time (please contact supplier).

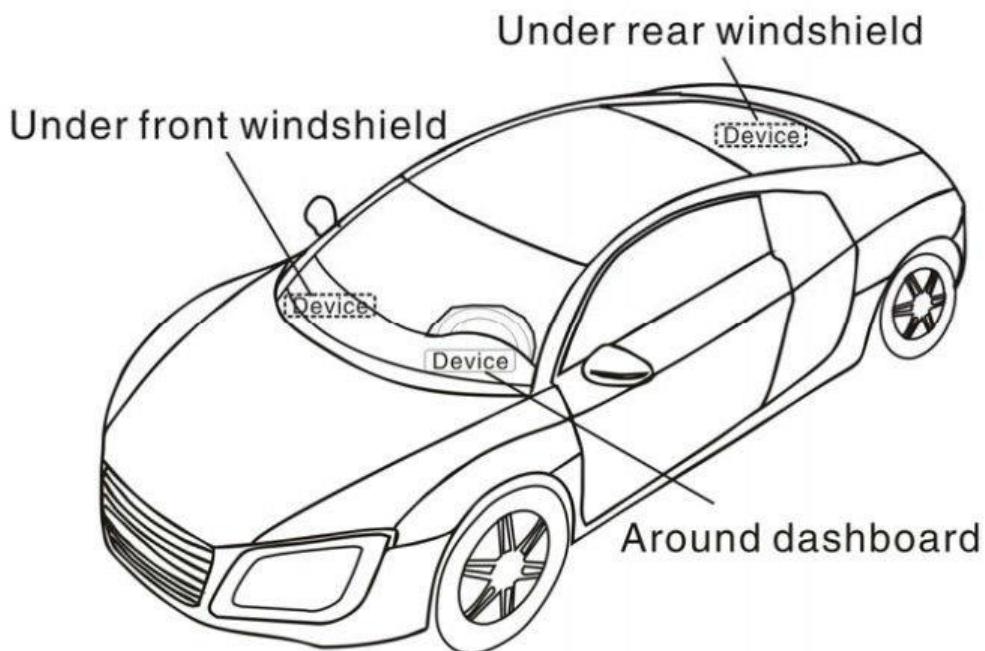
1. Specifications

Content	Specs
Dim.	98mm x 53mm x 15mm
Weight	35g
Network	WCDMA/GSM/GPRS/GPS
Band	850/900/1800/1900/2100 Mhz
GPS chip	U-blox
GSM module	MTK
GPS sensitivity	-159dBm
GPS accuracy	5m
Time To First Fix	Cold status 45s Warm status 35s
Work voltage	9V-36V
Storage Temp.	-40°C to
Operation Temp.	-20°C to
Humidity	5%--95

♦Installation attentions

NOTE: device front side towards the sky.

When install in car, if the windscreen glued by metal thermal insulation layer or heating layer, it will reduce the GPS receive signal and lead to GPS work disorder.



Device light description

Light	Represents
yellow	GSM signal normal
blue	GPS signal normal
Red	Power

1. Installation instructions

1.1 Preparation

1.1.1 Open the package to check the device model number is correct, be with full accessories, or else please contact your supplier;

Choose SIM card, need insert a GSM SIM card into the device, please refer to the suggestion of your supplier for SIM card choice.

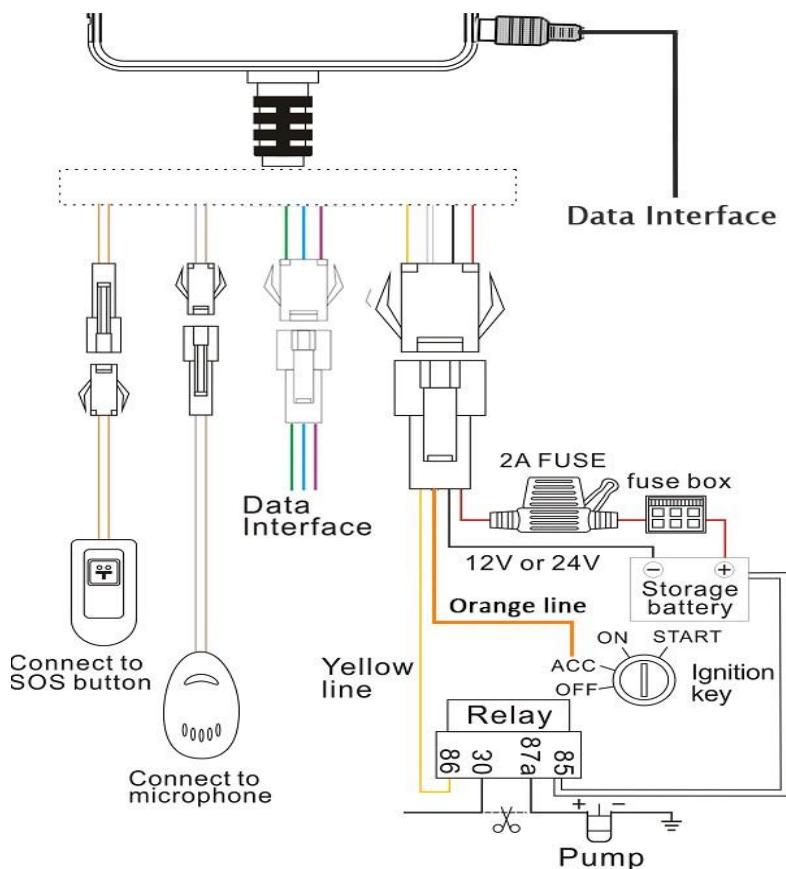
Notice:

Please insert SIM card before turning the device power switch to on;

The SIM card need open the GPRS function;

Please make sure SIM card with full balance.

2. Device wiring requirements



3. LED Status

- Blue LED--- GPS Status

Status	Meaning
Flashing	No GPS Signal or GPS starting
ON	GPS OK

- Orange LED---GSM Status

Status	Meani

Flashing	No SIM card or GSM starting
ON	GSM OK

- Red LED---GSM Status

Status	Meaning
OFF	Tracker is off or sleep
Flashing	Tracker is Working

4.User Settings

1.Initialization (initialize the settings)		
Text command	Parameter	Example
Command	FORMAT	FORMAT
Command Feedback	Reset ok	

2.Getting location by SMS		
Text command	Parameter	Example
Command	g1234	g1234
Command Feedback	Google map link + Acc status +speed + date	

3.Admin number		
Text command	Parameter	Example
Add number	Authorized number	admin123456+blank+phone number
Command Feedback	admin ok	

4.Set password for admin number		
Text command	Parameter	Example
Command	password123456+blank+666888	password123456 666888
Command Feedback	password ok	

5. Set authorized number (For receiving alarm messages)

Text command	Parameter	Example
Command	102#phone number#	102#18575518750#
Command Feedback	Ok	
Command	103#phone number#	103#13576324789#
Command Feedback	Ok	

6. Check admin number and authorized phone number

Text command	Parameter	Example
Command	C10#	C10#
Command Feedback	101#18575518750 102#18575518750 103#13576324789	

7. Timezone Setting

Text command	Parameter	Example
Command	zone123456+blank+e08	In UTC-6 example: zone123456+blank+w06 In UTC+5.30 zone123456 e05.5
Command Feedback	timezone ok	

8.Check vehicle state

Text command	Parameter	Example
Command	CXZT	CXZT
Command Feedback	Software version+IMEI+IP+port+APN+GPS status information	

9.Restart the device

Text command	Parameter	Example
Command	CQ	CQ
Command description	The device will restart after 20 seconds	

10.Overspeed alarm

Text command	Parameter	Example
Command	speed123456+blank+speed	speed123456 080
Command Feedback	speed ok	
Command description	Sample means When the car moves exceeding 80 km/h, the unit will send SMS alert.	

11.Vibration alarm

Text command	Parameter	Example
Command	SF	SF
Command Feedback	SF ok	

11.Cancel Vibration alarm

Text command	Parameter	Example
Command	CF	CF
Command Feedback	CF ok	

12.Cut oil or electricity

Text command	Parameter	Example
Command	DY	DY
Command Feedback	Cut oil ok	
Command	KY	KY
Command Feedback	Resume oil ok	

13.Voice monitoring

Text command	Parameter	Sample
Command	88	88
Command description	1. You need to set both admin number and authorized. 2. Send "88" from authorized number and then it will call back, you need to answer the call, then you can hear the sound around the tracker.	

14.SOS alarm

Description	When connect external SOS wire, if press the SOS button 3-4 seconds, device will reply SOS messages to authorized number, and dial the authorized number until answered.
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15. Power failure alarm	
Description	If device was removed from car battery, device will send SMS “Power off alarm” to the authorized number.

Web based platform www.gpstky.net further details please contact manufacturer.

APP: Search: “Tracker King” in Google play store or Apple store.

1. Setting APN content, APN user name, APN password

Command 1: apn+blank+APN content

Sample: apn CMNET

Command 2: apnuser123456+blank+user

Sample: apnuser123456 user

Command 2: apnpasswd123456+blank+password

Sample: apnpasswd123456 password

2.IP and Port setting

Command 1: IP+blank+IP address+blank+port

Sample: IP 220.231.203.248 7700

4.Cautions

Please comply with the instructions to extend the unit life:

1. Keep the unit dry. Any liquid, i.e. rain, moisture, may destroy or damage the inside circuitry.
2. Don't use & store the unit in dusty places.
3. Don't put the unit in overheated or overcooled places.
4. Handle carefully. Don't vibrate or shake it violently.
5. Clear the unit with a piece of dry cloth. Don't clean in chemicals, detergent.
6. Don't paint the unit, this may cause some foreign materials left in between the parts.
7. Don't disassemble or refit the unit.
8. Please read the user manual carefully before installation and operation, learn something more about the voltage range. Otherwise, it won't work properly or destroy the product.

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.