



eeLink GPT49 TDD Tracker User Manual

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eeLink GPT49 TDD Tracker



Welcome to use our device please read this manual carefully to install and operate the device exactly. This user manual is for reference only. If some contents and operation steps are inconsistent with those for the actual product, the latter will prevail. With GPT49 Years Standby Tracker, we can monitor your vehicle or asset by GNSS(satellite positioning system), GPRS/WCDMA/LTE FDD/LTE TDD communication and the Internet, remote location of vehicles or assets can be achieved through a powerful service platform. It plays a significant role in logistics and asset protection, helping customers to achieve transparent management, reduce costs, ensure safety, and improve efficiency.

Product Features

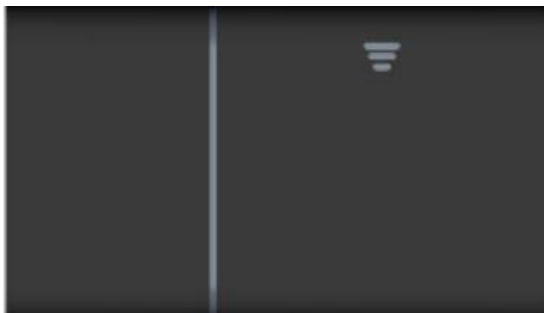
- Support GSM/SMS/EGPRS/WCDMA/ LTE FDD/ LTE TDD (2G,3G,4G)
- GNSS: GPS/Beidou/Glonass/Galileo/Qzss etc
- Smart and easy to hide for installation
- Built-in 6500mAh zero self-discharge lithium Manganese disposable battery
- Built-in Light sensor, if the device is removed and there is light in, it will trigger a removal alarm
- Start Emergency mode, the device will start real-time tracking and uploaded data through 2G/3G/4G regularly
- In Long Standby mode, the device wakes up once per day and then sleeps. It can stand up to 5 years(Power on once per day)
- Keelin Platform/ Keelin APP/ SMS inquiry
- Support EELINK 2.0, OTA Firmware upgrade
- Third-party platform integration

Basic Specifications

Voltage	3.0 VDC
Working Current	GPRS data(500mA); LTE/WCDMA data (700mA)
Sleep Current	15uA
GNSS Accuracy	5-15m
GSM Band	B2/ B3/ B5/ B8
WCDMA Band	B1/ B2/ B5/ B8
LTE Band	LTE FDD: B1/B2/B3/B4/B5/B8/B28 LTE TDD: B40
Hot/warm/cold Start	<3s <15s <60s
Battery Capacity	6500mAh
Dimensions (mm)	120(L)X 69(W) X 19.5(H)
Working Temperature	Arrange -20°C~65°C
Work Humidity	20% 80%RH
Net Weight	166g

Components and Accessories

Components



-Top Front-
(Towards sky)



-Bottom -

Accessories



3M Velcro (default)

SIM Card Installation

Open the back doorcase, check if the device is OK and the accessories are intact



Open device cover



Insert SIM Card

Note

1. Please power off the device before installing or uninstalling the SIM card.
2. Open SIM's traffic transmission to send data.

3. If the PIN code of the SIM card enables, please use your mobile phone to disable the PIN code.
4. Please make sure the SIM card has sufficient balance.

Test & Installation

Power on/off



After SIM installation, Turn on/off the power switch, the device will power on/off.

LED Indicators

The Red LED flickers fast when the device is searching for GSM/WCDMA/LTE network, it flickers slowly when the device has registered the network successfully.

The Blue LED flickers fast when the device is searching for the GNSS satellite signal, it flickers slowly when the device has searched the satellites and can be positioned.

1. RED LED(indicates Network working state)

Fast blinking	Searching for GSM/WCDMA/LTE FDD/LTE TDD network
Slow blinking	GSM/WCDMA/LTE FDD/LTE TDD works normally

2. BLUE LED(indicates GNSS Satellite signal state)

Fast blinking	Searching GNSS Satellites
Slow blinking	GNSS works normally

Install Device

Close the device door, Stick Velcro to the bottom of GPT46 and install it.

Setting & Inquiry

Web Platform & APP

Web Browser platform

Log in to the service platform to set or track the device, ask your dealer for the WWW address

Smart phone application

Use the smartphone APP, and ask your dealer to get the installation package. For example, Remotely configuration by Keelin APP

SMS

You can write a positioning SMS sending to the device to inquiry position, the device will reply position SMS or map link once it wakes up. You also can set the administrator numbers to get remove the alarm. For the SMS commands please refer to the Operation Commands.

Device Alarm

Remove Alarm

Conditions: When the device is removed.

Note: Light Sensor detect any light that will trigger this alarm

Geo-fence Alarm

Conditions: when the vehicle entry / exit / across the Geo-fence.

Note: You need to set the conditions of crossing fences, fence types, and so on.

Low Battery Alarm

Conditions: When the device's battery power falls below a certain value .

Note: Alarm parameters must be set before work in 6.2, Please refer to the <Operation Commands>

Note: When the above alarm occurs, the device will send an alarm to the service platform, meanwhile sending an SMS message to the administrator number if the number is set in advance.

Troubleshooting

Cannot connect platform

The device is never online on the position server when installed at the first time. Please check the device:

1. If power cables wired correctly? Pay attention to not connecting them to controlling cables of the vehicle.
2. Is the SIM card installed correctly? Please refer to the installation instructions.
3. Check the status of LED indicators. If the device is OK, red and blue LED will intermittently and slowly flick.
4. Inquiry parameters of the device via commands and check replied parameters.

Offline status

First check if LED indicators are OK, if cannot check them, you can check the SIM card by following the next steps:

1. call the SIM card of the device and check if you can hear the connecting ring.
2. Check if the vehicle is in the area where there is no GSM/WCDMA/LTE signal.
3. Check if one device or all devices are offline in the area. If all devices are offline, you should ask the operator If the network is OK.
4. Check if the SIM card has enough balance.
5. If the device becomes offline on the last day of one month, please check data transferring is closed or not.

6. Inquiry parameters of the device via commands and check replied parameters.

No positioned

If the GNSS is active, but the device cannot be positioned for a long time, please check the device:

- If the vehicle is in a place where there is no GNSS signal.
- The upside of the device should be installed with a face toward the sky.
- The GSM/WCDMA/LTE FDD/LTE TDD and GNSS signal may be weakened if the device is installed in a place with electromagnetic wave absorption material(such as metal blocks), special attention should be paid if there is a metal thermal insulation layer or heating layer on the front windshield, so that the position accuracy will decline, and the severe ones will not be positioned.

Position drift

Serious position drift will be found in places where the GNSS signal is poor. Please drive the vehicle to the open places.

Commands receiving abnormally

- Check the format of the command.
- Check if the vehicle is in the places where there is a GSM signal.
- Check if the SIM card is properly installed.

Warranty Rules

Special statement

1. Technology changes without notice.
2. If the color and appearance are inconsistent with those of the actual product, the latter will prevail.
3. The warranty card is only valid for devices with the following IMEI.
4. Please take care of the warranty card and show it with the original purchase receipts when enjoying the warranty service.

Warranty period

From the date of purchase, the passive waste host has one year warranty.


After-sales

Any of the following circumstances are not covered by the warranty, but may be appropriate to pay for repair:

- More than the warranty period.
- Unauthorized removal or repair damaged.
- Damage caused by improper installation, use, maintenance, and custody.
- IMEI label is torn or Obscure.

- Warranty certificate and product models do not match or warranty certificate be altered.
- Damage caused by force majeure.

Documents / Resources

<div><div>LTE FDD/TDD TRACKER</div><div>For ASSET/Vehicle</div><div><div>MODEL: GPT49</div></div><div>User Manual</div><div><RESET> <ON/OFF> <GPS/RTT/STATIONARY/VELOCITY></div><div>You're Standby Tracking System</div><div>1</div></div>	<div>eeLink GPT49 TDD Tracker [pdf] User Manual</div> <div>GPT49 TDD Tracker, GPT49, TDD Tracker</div>
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