

# PT-718 Personal Tracker Guide

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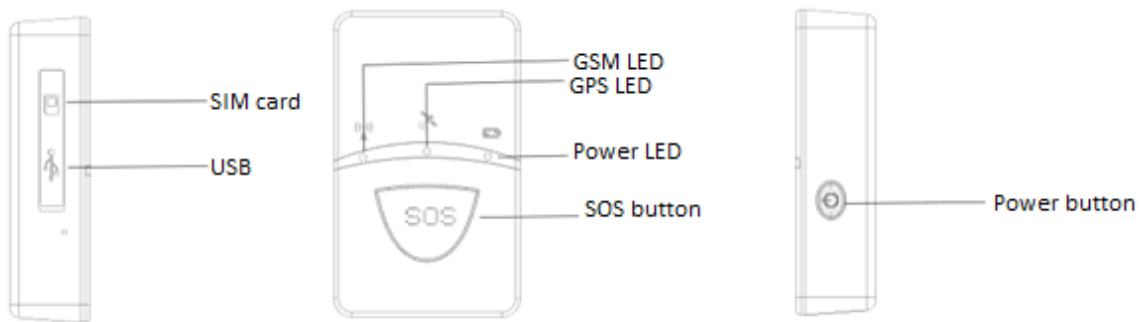
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## 1.Summarize

PT-718 is an individual GPS tracker developed by CASTEL. It adopts 2 communication modes: GPRS and SMS. PT-718 can be precisely located, easily operated. It is easy to take with good appearance. It adopts terminal+ APP+ cloud system to manage GPS data scientifically, which suits for the old& children in family, community and school.

## 2.Overview



## 3.Accessories

**Micro USB data cable:** Use it to connect device with PC, by which you can upgrade its firmware or charge the battery.



**Strap:** To adorn tracker.



**Quick start guide**

## 4.LED Status

**Power LED:** Red

**Solid on:** Battery charging/GPS& GSM signal searching

**Off:** Battery charged/Device working(GPS&GSM LED are on)

**Quick flashing:** SOS alarm, 1s flashing, 20s duration

**Slow flashing:** low battery, 8s flashing



**GPS LED:** Green

**Off:** Power off/Positioning

**Flashing:** GPS located, 2s flashing



**GSM LED:** Yellow

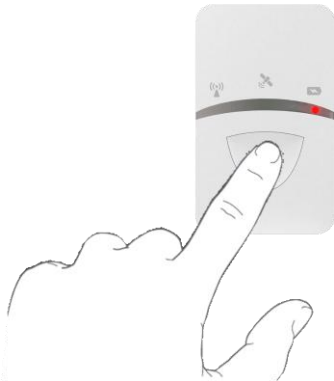
**Off:** SIM card in tracker is registering to network.

**Flashing:** SIM card has registered to network, 2s flashing. It means tracker can upload relative GPS data to APP and cloud.



## 5.Buttons

**SOS button:** If meets emergency situation and needs assistance, user can press SOS button for 3s, then red LED will flash per 1 second and last for 20 seconds. At the same time, tracker will send emergency alarm to relative emergency contactor, which is preset by user when registers the APP account. In alarm, position is included so that emergency contactor can locate users quickly.



**Power button:** To power on/off the tracker. Long press it until red LED turns on, tracker is powered on; Long press it until all LED turns off, tracker is powered off.



## 6.Interfaces

**Micro USB:** Battery charge/firmware upgrade. Connect with PC to upgrade firmware, connect with mobile phones power adaptor to charge battery.

**SIM card slot:** It supports Micro SIM card only, or it will be damaged; It does not support CDMA card.



## 7.Features

**Timing positioning:** In normal working mode, tracker can upload GPS information to APP& cloud by preset time interval. The emergency contactor bound with tracker can monitor in real time.

**Geo-fencing:** To monitor the activity range of carrier, PT-718 provide geo-fencing service. User can specify a point and an effective radius to set a circle fence. When carrier moves out the circle area, tracker will send SMS remind to emergency contactor and send alarm to APP& cloud at the same time; The SMS contains current position of tracker and time so that user can locate carrier in real time.

**History tracking:** When GSM signal is good, tracker's position information will be uploaded to APP& cloud; Otherwise, tracker will record position information and re-upload by sequence after GSM network recovers. Therefore, all location information of the past one month will be stored in device, user can inquiry history tracking by input time condition if necessary.

**Parameter setting:** Main parameters of PT-718 are: emergency contactor, positioning time interval, details please see APP introduction.

## 8. APP Download& Installation

Family users can download CASTEL APP to manage the tracker.

Scan below QR code to follow CASTEL Wechat public account, you can download APP and get all required tracker services.



## 9. APP Operation of Personal User

### 9.1 Registration

User should register& verify APP account by email. After verification, user can log in APP and customize your own setting including: portrait, tracker's name and tracking time interval etc..

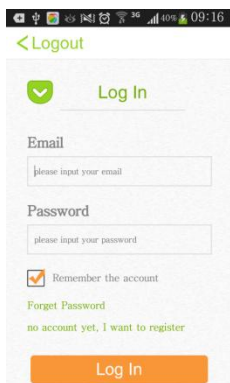
**Notice:** Before submits registration information, please read *User Protocol* carefully and agree.

A screenshot of a mobile application's registration screen. At the top, there is a status bar with icons for signal, Wi-Fi, battery, and time (09:16). Below the status bar is a green '< Back' button. The main content area has a green checkmark icon and the word 'Registration' in green. There are two input fields: 'Email' and 'Password'. The 'Password' field has a small note below it: 'not less than 8 characters, sensitive'. Below the password field is a checkbox with the text 'I've read and agreed User Agreement'. At the bottom, there is an orange button labeled 'Registration'.

### 9.2 Log in

After account is registered successfully, user can log in with it immediately, and choose whether let APP record account name and password.

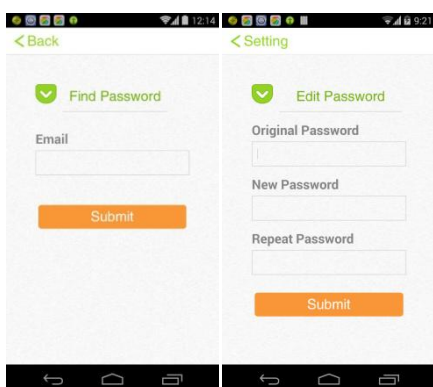
**Notice:** For your account safety, we advise users don't record account.



### 9.3 Account Safety

If forgets password, user can find it back by registering email;

User can edit password by Setting-Password modify

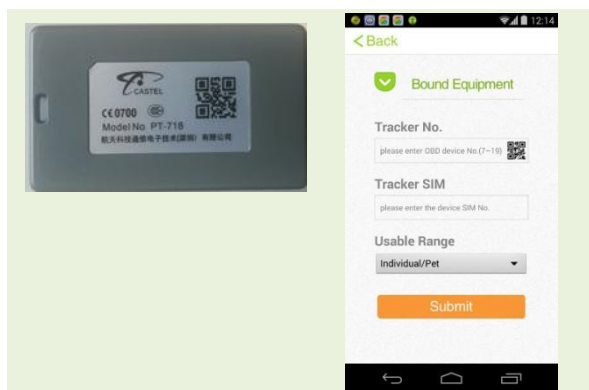


### 9.4 Bound Equipment

When user log in account first time, APP will remind user to bound device. User can bound device by scanning the QR code on the label of device.

Meanwhile, CASTEL APP support users manage multi trackers in one account. If customer has several trackers of CASTEL, such as personal tracker, pet tracker and motorcycle, they can manage them in one account. Customer just need to click Add Device in APP and scan the QR code in main unit .





## 9.5 Tracker Parameters Setting

**Positioning time interval:** In Setting—>Time Interval of APP, user can set different positioning time interval(range from 1minute to 60 minutes) as required. Time interval determines trackers positioning frequency.

**Notice:** The bigger of the time interval you set, the higher frequency will tracker collects location information, and the higher is the power consumption, also the shorter is the stand-by time.

**Tracker management:** In Setting—>Tracker Management of APP, user can authorize maximum 3 accounts to monitor a tracker, and modify data of tracker's carrier such as age, SIM card number in device and maximum 3 emergency contactors, which allows carrier asking for help in case.

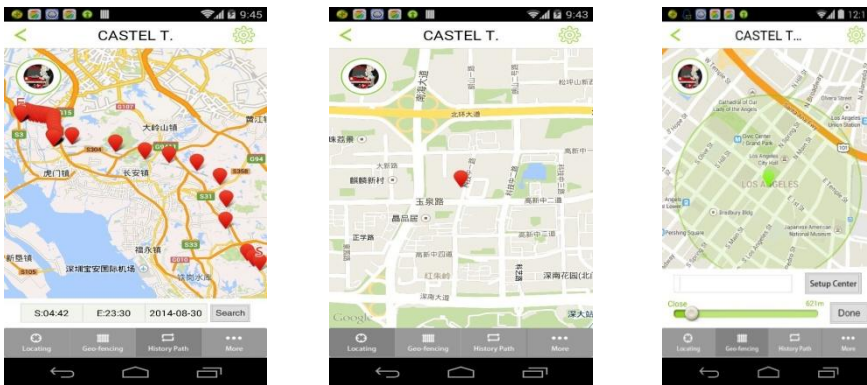
**Reset to default:** When user wants to reset tracker's parameters, you can delete and reset them one by one, or reset them to default value altogether.

## 9.6 Synchronization between Tracker and APP

**Timing positioning:** User can check tracker's real-time position in timing positioning interface;

**Geo-fencing:** User can add a circle geo-fence in APP. Center of the circle can be set by screen touch or value input; Radius is set by a slider which will show the value;

**History tracking:** User can inquiry the history track in APP by time duration(not more than 1 month) ; In history track route, letter "S" is the start point while letter "E" is the end point.



## 9.7 Others

**Help:** User can inquiry help document in **Setting-->Help** of APP;

**Incident:** User can look up alarm, SOS, low voltage, geo-fencing in **Setting--> Incident** of APP.

**Pay:** User can pay the fees of SIM card and cloud in **Setting-->Pay** indoor without going out.

## Warranty Card

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User Name: \_\_\_\_\_

Phone No.: \_\_\_\_\_

Address: \_\_\_\_\_

Post Code: \_\_\_\_\_

Purchase date: \_\_\_\_\_

Device serial No.: \_\_\_\_\_

Agency and phone No. \_\_\_\_\_

Remark: \_\_\_\_\_

\_\_\_\_\_

Please keep this card properly for better service. Please see service details as below.

### Agency (Stamp):

Repair Record

Device Model:

Date	Troubles and repair record		Sign(Maintainer)	Sign(Us er)
	Trouble	Record		

Note: Agency should fill this card completely before repair.

## Claim

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Receive & operation time varies from SIM card, network parameters and using condition.

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**FCC Statement:**

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. 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.

**SAR Information Statement**

Your wireless Personal Tracker is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are

part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for Personal Trackers employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. \* Tests for SAR are conducted with the Personal Tracker transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the Personal Tracker while operating can be well below the maximum value. This is because the Personal Tracker is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a Personal Tracker model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model Personal Tracker when tested for use at the Extremity is **1.713**W/Kg and when worn on the body, as described in this user guide, is **1.226**W/Kg(Body-worn measurements differ among Personal Tracker models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various Personal Trackers and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model Personal Tracker with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model Personal Tracker is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on

FCC ID: **S8UPT718** Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>. \* In the United States and Canada, the SAR limit for mobile Personal Trackers used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a sub-stantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.