

## GT-120B/GT-600B Bluetooth GPS Logger User's Guide

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### Product Brand: Mobile Action

### Package contents & specifications

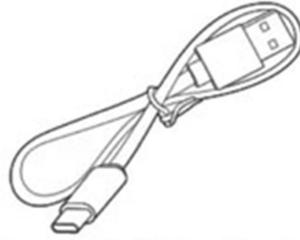
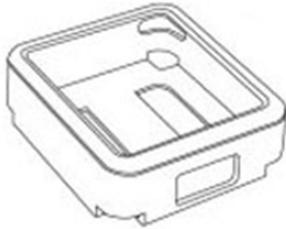
The **GPS Logger** package comes with 1 GPS data logger, and 1 color jelly case (GT-600B), 1 fastening strap (GT-600B) and optional USB Cable.



Micro-USB Cable (Optional)

### GT-120B package contents

| GT-120B               |  |
|-----------------------|--|
| Dimension             | 44 x 28.5 x 13.8mm                                 |
| Weight                | 21.5g  |
| Antenna               | Built-in GPS patch antenna                         |
| Memory                | 16M bit Flash Memory to store 65,000 waypoints     |
| Battery               | Built-in 380mAh Li-Polymer battery                 |
| LED indicators        | 2 LEDs for On/Off/Charge/Logging status indication |
| Cold start            | < 35 seconds                                       |
| Wireless interface    | Bluetooth 5.2                                      |
| Connection interface  | USB 2.0  |
| Operation temperature | -10 °C to + 50 °C                                  |
| Water-resistant       | Yes  |



Micro-USB Cable (Optional)

**GT-600B** package contents

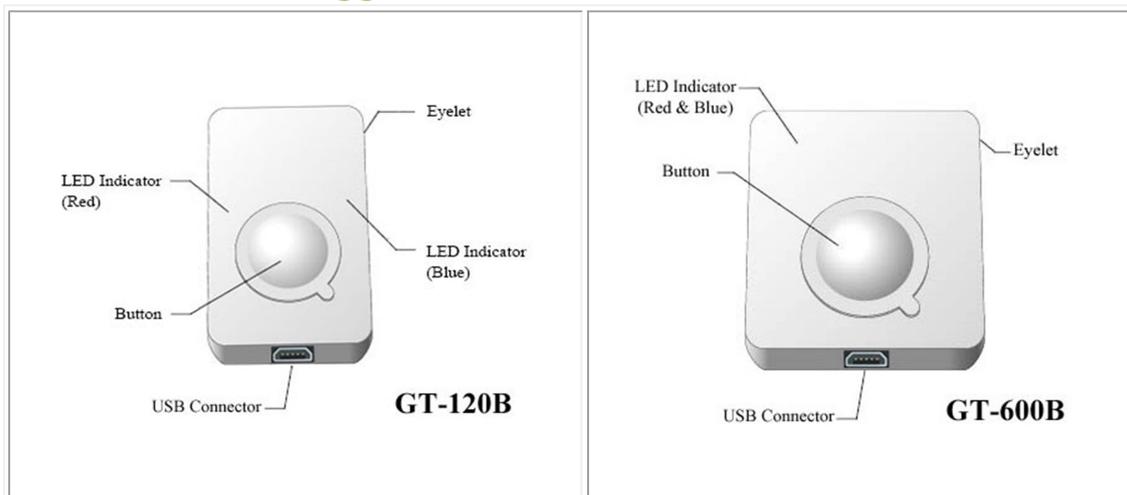
| <b>GT-600B</b>        |  |
|-----------------------|--|
| Dimension             | 46 x 41.5 x 14.3 mm                                |
| Weight                | 33g  |
| Antenna               | Built-in GPS patch antenna                         |
| Memory                | 64M bit Flash Memory to store 260,000 waypoints    |
| Battery               | Built-in 750mAh Lithium-ion battery                |
| LED indicators        | 2 LEDs for On/Off/Charge/Logging status indication |
| Cold start            | < 35 seconds                                       |
| Wireless Interface    | Bluetooth 5.2                                      |
| Connection interface  | USB 2.0  |
| Operation temperature | -10 °C to + 50 °C                                  |
| Water-resistant       | Yes  |
| Motion detection      | Yes  |

|                                   |  |
|-----------------------------------|--|
| <b>USB Cable</b>                  | <b>USB 2.0 Cable</b> works both as <b>GT-600B / GT-120B</b> built-in battery charger and data transfer medium for <b>GT-600B / GT-120B</b> .   |
| <b>i-gotU GPS Software</b>        | <b>i-gotU GPS</b> is an easy to use software tool to manage and visualize the GPS waypoints recorded on your device. Follow the on-screen instructions to complete the installation. |
| <b>GPS Logger jelly case</b>      | Besides especially designed for broader appliances, <b>GT-600B</b> also comes with a jelly case for easier wear or any other kind of attachment.                                     |
| <b>GPS Logger Fastening Strap</b> | <b>GPS Logger Fastening Strap</b> allows you to tie and fasten the GPS Logger anywhere for easier travel.  |

**Note:**

Considering the need for GPS Logger to be used outdoors, it is designed as a water-resistant device. Just like the watch, it'll still function normally when it gets splashed by rain or water. Although it is made water-resistant, it should **NOT** be carried under water for activities like swimming, diving, and etc. Inappropriate use of GPS Logger might cause unexpected damages to it.

### Outlook of GPS Logger



## Getting Started with GPS Logger

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The following demonstrates how to get started with your **GPS Logger** and **i-gotU GPS** software:

### 1. Install i-gotU GPS



### 2. Charge GPS Logger



### 3. Power on



### 4. Get first GPS fix



### 5. Connect PC to import data



## 1. Install i-gotU GPS software

Please download i-gotU GPS software from the company's website and follow the on-screen instructions to install i-gotU GPS.

## 2. Charge GPS Logger

The USB Cable serves as a charger as well as data transfer medium. Please connect your GPS Logger to PC and have it fully charged.

It takes about 4 hours to fully charge your GPS Logger for the first time. 2-hour charge is enough for later use. The red LED indicator stays on during charging, and goes off when charging is complete. Remove your GPS Logger when charging is complete.

### 3. Power on/off your GPS Logger

Long press the button to power on/off your **GPS Logger**. The blue LED indicator blinks once upon power-on, and the red LED indicator blinks upon power-off.

**Tip:** Go to [GPS Logger LED indicators](#) to familiarize yourself with the LED indicators.

### 4. Initiate your GPS Logger for the first GPS fix

It requires a clear sky for your **GPS Logger** to receive GPS signals and acquires a GPS fix. Please leave your **GPS Logger** on the balcony, the top of your car, or any place where there is no obstruction or shading to fasten up the GPS fix acquisition for your **GPS Logger**.

Once the first GPS fix is successfully acquired, both the blue and red LED indicators of **GPS Logger** will blink simultaneously twice, indicating that track logging has begun. **GPS Logger** will then start logging based on the tracking interval configured in the hardware settings of the device.

**Note:**

1. Find the LED indication details in [GPS Logger LED indicators](#).
2. For more detailed information on the GPS fix, correct wear and use of your GPS Logger, please refer to [Essentials for Beginners](#).
- (※)3. Point of Interest (POI) can be logged by short press the button.

### 5. Data import by i-gotU GPS software

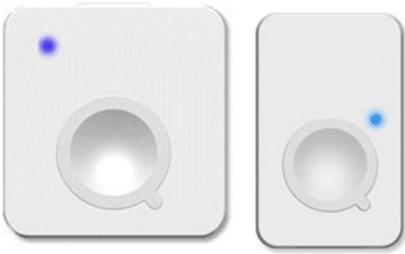
Connect your **GPS Logger** to your computer, and launch **i-gotU GPS** to start importing track data logged in your GPS device. Click **Download Data** button and follow the on-screen instruction to import the track logs saved on **GPS Logger** to your computer. Click on the device name, and you can see it on **Google Maps** in few seconds.

**Note:**

It requires Internet connection to retrieve the map data for the selected track.

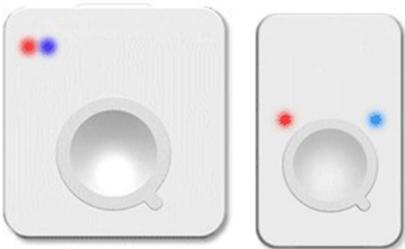
## GPS Logger LED Indicators

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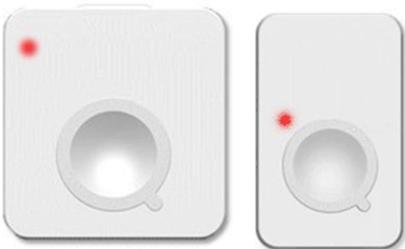
**Power On:** The **blue** LED indicator blinks once every 4 seconds.

**Operation:** If the Logger is powered off, long press (over 1.5 seconds) the button to power on GPS Logger.



**Data Logged:** Both the **red** and **blue** indicators blink simultaneously twice.

**Status:** Device is powered on and GPS data has been logged successfully.



**Power Off:** The red LED indicator blinks once.

**Operation:** If the Logger is powered on, long press (over 1.5 seconds) the button to power off GPS Logger.

### Others:

**Device Charging:** The **red** LED indicator stays on during charging and goes off when charging is complete.

**Battery Low:** The **red** LED blinks once every 4 seconds.

**Memory Full:** The **red** LED blinks twice every 2 seconds.

## Essentials for Beginners

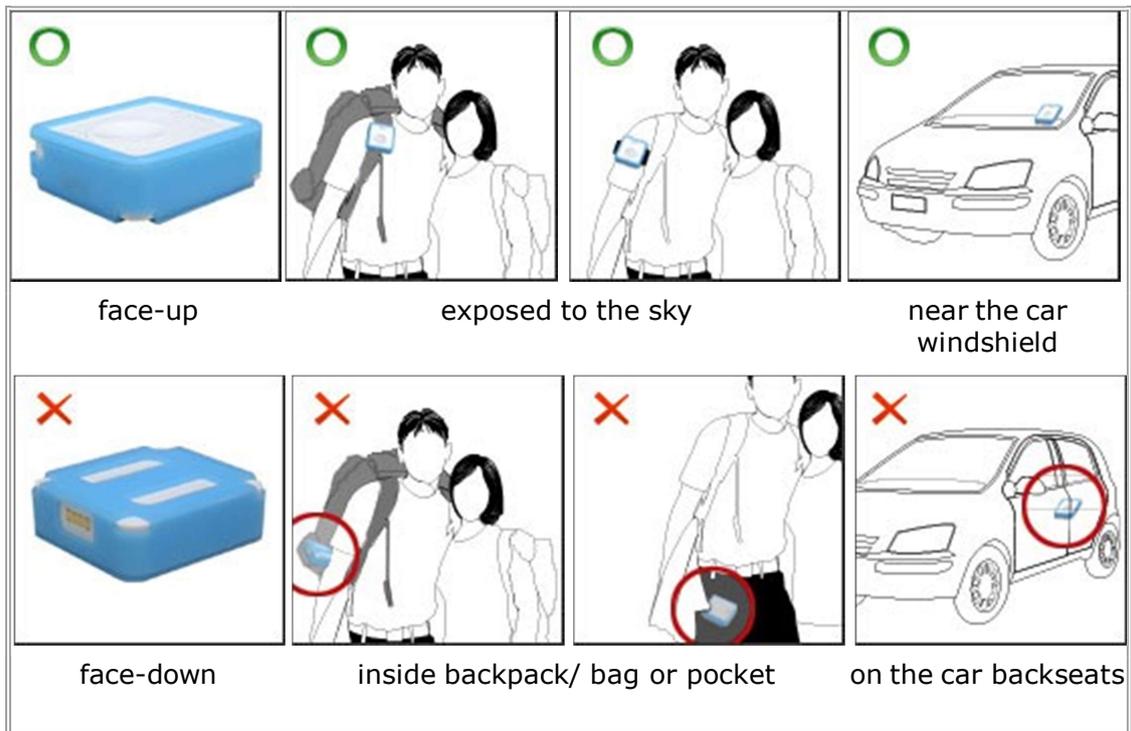
Before hitting on the road with your **GPS Logger**, please read the following information thoroughly to ensure the **GPS Logger** to work properly.

### GPS Logger wear & attachment

When taking **GPS Logger** from indoors to outdoors, it usually takes longer to get a GPS fix. Please place your **GPS Logger** face-up toward the sky and press the button to acquire a GPS fix.

**Tip:** If **GPS Logger** functions normally and gets a GPS fix, both the red and blue LED indicators blink simultaneously twice, indicating the current GPS information is logged successfully to the device memory.

Please always place your **GPS Logger** exposed to the open sky to ensure the successful GPS fix acquisition. Refer to the illustration below to expose your **GPS Logger** as much as possible in the open sky to ensure stable and successful GPS fix acquisition.



## GPS Logger setup

Click Device Settings button on the main menu bar of i-gotU GPS software to configure your GPS Logger.

**GPS Logger** is water-resistant, designed for a broader use. Multiple tracking modes with different data logging intervals work for both short & long journey.

## Safety information

Please do not leave your GPS Logger exposed to high temperature for a long time, such as on the inside of the windshield of a car at noon in the summer, to avoid device overheated to cause any device malfunction or danger.

Any changes or modifications not expressly approved by the party responsible for compliance could void your 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.

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.

### **RF exposure statements**

This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. GPS provides satellite signals which are specially coded for the computation in a GPS receiver to produce the position, velocity and time.

Usually it requires four GPS satellite signals to computer correctly the position in three dimensions and the offset time of the GPS receiver's clock.