QSTARZ®

BL-818GT

Download on the App Store
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QSTARZ GT

Quick Start Guide

01 What's in the box

Please make sure you have everything included in the package.

BL-818GT unit | Li-Ion Rechargeable Battery | Micro USB cable

Note : Product operation guide and download info, please find the Download Index file stored in the memory of BL-818GT and you can read or install accordingly under internet connection.

02 Installing the Battery

①Remove the back cover by pushing the battery cover release tab with your thumbnail.

②Insert the battery, and align the battery contacts with the terminals in the battery compartment.

③Place the back cover over the battery compartment, and press it downward until it clicks into place.
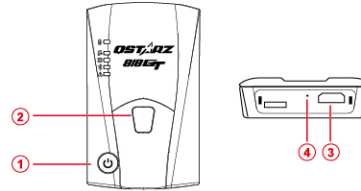
03 Charging the BL-818GT

Please FULLY charge the BL-818GT for the first time use by connecting the supplied Micro USB cable through computer or car's cigarette adaptor.

☐ Green LED On : On Charging
☐ Green LED Off: Fully Charged

Caution : Risk of explosion if Battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

04 BL-818GT Function buttons

② ①   ④ ③

① **Power button:** Press 2 seconds to power on. Press to show battery status. (Top to down each LED indicates 20%)

② **G-Sensor button:** Press & hold 1 second to calibrate G-sensor.

③ **Micro USB Jack:** Device Charging and Updating firmware.

④ **Reset Button:** Shut down the device. (Inside the rubber cover)

05 LED Indicators

LED symbol	LED Color	Status	Description
Power	Orange	Flashing	**Low Power**
	Green	On	**Recharging**
	Off	N/A	**1. Fully charged.** **2. Device power off**
Memory	Off	N/A	**Device power off**
GPS	Green	On	**GPS position is fixed**
	Off	N/A	**1. Searching for GPS satellite signal** **2. Device power off**
Bluetooth	Blue	Flash	**Searching for device**
	Blue	On	**Bluetooth connected**
Alarm	Orange	On	**GPS is not connected with satellite**
	Off	N/A	**1. GPS position is fixed** **2. Device power off**

06 Beep Code

Status	Beep code	Description
Power On	1 short beep	1 short beep when device switch On.
Power Off	1 long and short beep	1 long and short beep when device switch Off.
GPS fixed	2 short beep	2 short beep when GPS location is fixed.
G-Sensor Calibration	2 short beep	2 long beep when G-Sensor button being pressed.

07 Acquiring Satellite Signal

● Hold on Power button to power on BL-818GT.

● Place the device outside under clear view of sky to acquire GPS signals.

● Acquiring GPS signals may take few minutes. The GPS LED is turning to solid green when it has connected with GPS satellites.

08 Update firmware

① Download and extract the firmware from Qstarz web site http://racing.qstarz.com/Download.html
② Power off BL-818GT and connect with computer via Micro USB cable.
③ Copy the firmware file FW.qst to the root directory of BL-818GT internal memory.
④ Unplug the Micro USB cable, and firmware update will begin automatically. LEDs will light on alternately during the update process.
⑤ Once firmware update is completed, the device will turn off automatically.

Note: Connect your BL-818GT device with Computer, and browse the root directory of BL-818GT in My Computer. Find the "DownloadIndex_BL-818GT.html" file and click it with internet connection. A download webpage will pop-up, then click on the link and you can have latest product information for BL-818GT.
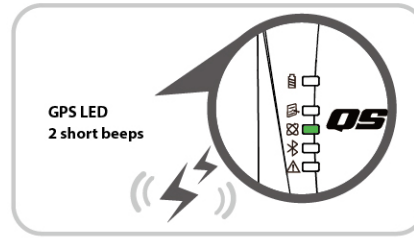
09 Product Compatibility

- BL-818GT is compatible with most iOS and Android devices via the Qstarz BLE GPS View App.

- Due to hardware and manufacturer variability, we have not verified compatibility with every Android device.

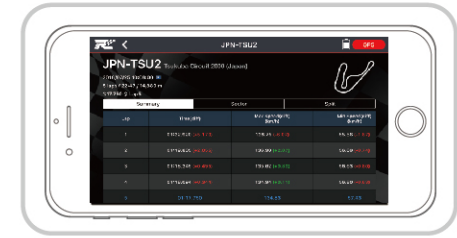 *Download the Qstarz BLE GPS View APP on App Store or Google Play Store.

10 QRacing APP
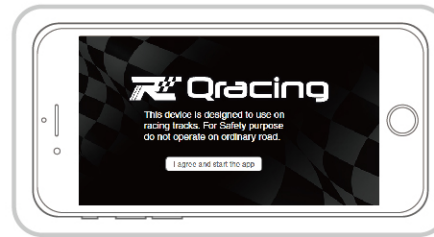### (iOS version / Android version)

QRacing

Please download QRacing APP on App Store or Google Play. QRacing APP is a racing data analysis APP combining GPS data with video overlay support. Read the operating guide on the manual of QRacing APP.
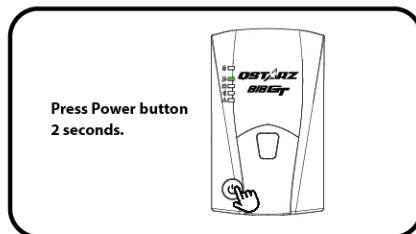
11 Start Racing

* The mobile phone photo is illustrated by iPhone. The support OS and versions for QRacing APP, please refer to the description on Qstarz website.

① **Switch On BL-818GT**

Press Power button 2 seconds.

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② **Confirm GPS gets fix**

GPS LED
2 short beeps

③ **Turn on your mobile device's Bluetooth feature**
   -iPhone Setting > General > Bluetooth > On
   -Android phone Settings > Wireless & Networks > Bluetooth: On

④ **Start QRacing APP on your mobile phone**

⑤ **Register a new account. Login and add your BL-818GT in Setting Page of QRacing APP**

⑥ **Start to real-time Racing**

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⑦ **View Analysis Data on your QRacing APP**

Note

Picture Screen might be slightly varied according to different APP version. For detail operation, please refer to the operating guide on manual of QRacing APP.

12 Product Specifications

- A 10Hz BLE GPS Receiver and provide real time lap timing via QRacing APP
- Adopt high sensitivity GNSS chip and 3-axis accelerometer
- Bluetooth 4.0 BLE enabled device
- Update rate up to 10Hz excellent for High speed racing (updating every 0.1 second)
- G-Sensor button design to calibrate G-sensor immediately
- 5 LED indications to view device status
- Case: Rugged, but not water-resistant
- Power Supply: Rechargeable Lithium-Ion battery, 20 hours operation (typical use)
- Temperature: Operating -10~60℃/ Charging 0~45℃/ Storage -20~60℃

13 Product Care

- Please take out the battery and store it in dry/cool places when not use for a long period.
- If the device isn't used in temperature between -10℃~ 60℃, its battery charging capability will decrease.
- Leave the device far from heat or high temperature environment. And also, do not expose your device in temperature higher than 145℉/60℃ to prevent the inside battery from overheating, exploding or burning itself. The Lithium battery inside the device should be recycled.
- Do not attempt to open the device by yourself. Unauthorized hacking may damage the unit, and void your warranty.