QSTARZ®

GNSS Support
GPS | GLONASS | QZSS

BL-818GT Deluxe
The Best Race Data Analysis Package

Quick Start Guide

01 What's in the box

Please make sure you have everything included in the package

BL-1000GT unit

Li-Ion Rechargeable Battery

Quick Start Guide

Micro USB cable

02 Installing the Battery

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

②Insert the battery, 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 Wall Charger.
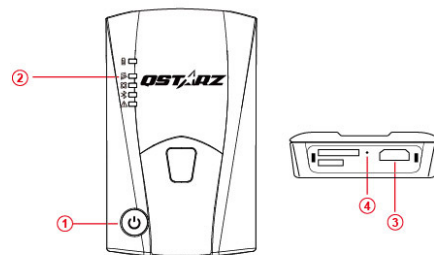
🟩 Green LED On: On Charging
⬜ Green LED Off: Fully Charged

Caution: Risk of explosion if Battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
Note *While driving do not use car cigarette adaptor to charge BL-818GT device.*

04 BL-818GT Function buttons

① **Power button:** Press 3 seconds to power On.
② **G sensor button:** Press & hold to calibrate G sensor.
③ **USB Jack (Inside the rubber cover):** Device charging/ Update firmware by micro USB cable.
④ **Reset Button:** Shut down the device (Inside the rubber cover).

05 LED Indicators

LED symbol	LED Color	Status	Description
Power	Red	Flashing	Low Power
	Green	On	Recharging under power off
	Off	N/A	1. Fully charged. 2. Device power off or sleep mode
Memory	Orange	On	Internal memory error
GPS	Green	Flash	GPS fixed but not logging
	Green	On	GPS position is fixed, device is logging
	Off	N/A	1.GPS position not fixed 2.Memory is full 3.Device power off or sleep mode
Bluetooth	Blue	Flash	Not connected (Pairing)
	Blue	On	Bluetooth connected
Alarm	Red	On	1.GPS is not connected with satellite 2.Memory is full
	Red	Flsh	Device enter into sleep mode
	Off	N/A	1.GPS position is fixed 2.Device power off

06 Buzzer Code

*Buzzer can be turned off from software -> Config GPS.

Status	Beep code
Power on	1 short beep
Power off	1 long beep and 1 short beep
GPS fix	2 short beeps
G-sensor calibration	2 long beeps
Memory Full	3 long beeps
Memory error	Long continuous beep

07 Pairing and connecting with a mobile device

1.Power on BL-818GT, the Bluetooth indicator begins to flash

2.Turn on your mobile device's Bluetooth feature

• IPhone Settings > General > Bluetooth > On

•Android™ Smartphones Settings > Wireless & Networks > Bluetooth: On > Scan for devices

3.Select "Qstarz BL-818GT" on your mobile device as a found device. If your device prompts you for a passcode, enter "0000" (four zeros)

4.When pairing is complete and your device is connected to BL-818GT, the Bluetooth status indicator on BL-818GT changes from flashing blue to solid blue.

08 Acquiring Satellite Signal

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

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

Acquiring GPS signals may take few minutes. The GPS LED flashes green when it has connected with GPS satellites. The GPS LED is solid green when it starts logging data.

09 Product Compatibility

B-818GT is compatible with most iOS and Android device.

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

10 Sepecifications

Adopt high sensitivity GPS chipset with -165dBm and 66-Channel tracking

Log rate up to 10Hz excellent for High speed racing (recording 1 waypoint per 0.1 second)

Built-in 3-axis accelerometer for G-force measurement

Device recognized as USB removable disk for data access with computer conveniently

POI button design to record your point of interest immediately

DGPS(WAAS+EGNOS+MSAS) support

Rugged design with IPX-3 Water resistance

Beeper function to notice some status of device

5 LED indications to view device status

Ultra-lower power consumption up to 40hrs operation

A-GPS support boosts the fix speed to 15sec faster

11 Product Care

· Please take out the battery and store it in dry/cool places when not use for a long period.

· If BL-818GT isn't used in temperature between -10℃ ~ 60℃, its battery charging capability will decrease.

· Leave BL-818GT far from heat or high temperature environment. And also, do not expose your BL-818GT in temperature higher than 145℉/60℃ to prevent the battery inside BL-818GT from overheating, exploding or burning itself. The Lithium battery inside the 818GT should be recycled.

· Do not attempt to open BL-818GT by yourself. Unauthorized hacking may damage the unit, and void your warranty.

12 How to update firmware

1.Download and extract the firmware from Qstarz web site http://www.qstarz.com/download.php

2.Power off BL-818GT and connect with computer.

3.Copy the firmware file *FW.qst* to the root directory of BL-818GT SD card.

4.Unplug the USB cable, firmware updates will begin automatically, LEDs will light on alternately during the update process.

5.Once firmware update is completed, the device will turn off automatically.

Federal Communications Commission Interference Statement

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.

This equipment has been tested and found to comply with the limits for a class B digital devices, 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 service representative for help.

CAUTION Any changes or modifications are not expressly approved by the grantee of this device could void the user's authority to operate the equipment.