

BT-Q1300ST Quick Installation Guide

A. Standard Package

(1) GPS Unit BT-Q1300ST (2) mini USB Cable (3) Software CD+Warranty Card + Quick Installation Guide (4) Sports Armband (Optional)

NOTE: Please recharge the battery on a regular interval if the unit is not used for a long time.

1.



2.



3.



4.



(Optional)

B. Appearance



1. Power Button (ON/OFF/Enable LOG mode/Disable LOG mode / Push to LOG)
2. Power jack (mini USB type)
- 3-a Bluetooth status LED (Blue)
>BT-Q1300ST with Bluetooth
- 3-b Bluetooth status LED (OFF)
>BT-Q1300ST without Bluetooth
4. Battery status LED (Red/Green)
5. GPS status LED (Orange)
6. Log status LED (Green)
7. Internal antenna





C. Hardware Function




Hardware Function	Description
Power Jack	Take the power cable and connect it to the power jack (mini USB type) for charging only
Power Button (On)	Press power button and hold for 4 sec to power BT-Q1300ST on.
Power Button (Off)	Press power button and hold for 3 sec to power BT-Q1300ST off
Power Button (Enable Log mode)	Log is on when BT-Q1300ST is powered on by pressing power button and hold for 4 sec. The LOG status LED (green) would blink, and start to log.
Power Button (Disable Log mode)	After power on BT-Q1300ST, press power button and hold for 2 sec to disable log mode. Then BT-Q1300ST would stop logging with the LOG status LED (green) Off. Press power button and hold for 2 sec to enable log again.
Power Button (Push to Log)	Press power button once to push to log the favorite Point of Interest

D. LED Indicator (With Bluetooth function)

LED Status		Flash	ON	OFF
Power (Red/Green)		Low Power (Red)	Recharging (Green)	Fully charged
Bluetooth (Blue)		Flash per 2 sec.: Bluetooth connected and transmitting Mode Flash per 5 sec.: Power saving mode	Not connected /Pairing	GPS not powered / Log Mode is on

GPS (Orange)		GPS position is fixed, Navigation	Detecting Satellite, GPS position not fix	GPS not powered
Log (Green)		Log Mode is on <u>1Hz Log Mode:</u> Flash per 2 sec(Green) <u>5Hz Log Mode:</u> Flash per 1 sec(Green) <u>POI(Point of Interest) is recorded:</u> Flash 3 times	Memory is full	GPS not powered / Not connected

D. LED Indicator (Without Bluetooth function)

LED Status		Flash	ON	OFF
Power (Red/Green)		Low Power (Red)	Recharging (Green)	Fully charged
GPS (Orange)		GPS position is fixed, Navigation	Detecting Satellite, GPS position not fix	GPS not powered
Log (Green)		Log Mode is on <u>1Hz Log Mode:</u> Flash per 2 sec(Green) <u>5Hz Log Mode:</u> Flash per 1 sec(Green) <u>POI(Point of Interest) is recorded:</u> Flash 3 times	Memory is full	Log Mode is off

E. Safety Notice

- Charging time is about 1 hour typically for this unit. We suggest disconnecting the unit from PC after the unit has been fully charged.
- When the unit is not in use or not charged, we suggest disconnecting the unit from the charger. Otherwise battery drain may result.
- Note that the built in battery cannot be charged outside the temperature range $0^{\circ}\text{C} \sim 45^{\circ}\text{C}$.
- Do not heat or leave the unit in high temperature or direct sunshine for a long period of time as the built-in battery capacity will deteriorate, or will become unchargeable.
- Do not leave the unit staying below car's wind shield after car parked during hot summer season. Some position below wind shield may generate high temperature over $158^{\circ}\text{F}/70^{\circ}\text{C}$. Such temperature may melt the unit and damage the battery.

F. Charging your battery

For the first time using the BT-Q1300ST, please charge battery until it is fully charged. Take the USB cable and connect it to the power jack (mini USB type) and recharge through USB cable with PC. This will begin to charge the battery. Charging time is 1 hours typically. A fully charged battery can last up to 10 hours continuously operation (under 1Hz mode), and 4 hours under 5Hz mode.



G. Setup BT-Q1300ST

G-1 Install the USB Driver and software utility (Only support Microsoft Windows XP / Vista / Win7)

Please insert the Software CD to your computer, and install the BT-Q1300ST PC Suite software utility package. This software package contains USB driver, QTravel™, and QSports™ inside.

G-2 Switch to 5Hz Log mode

Please connect the device with computer and open QTravel/QSports software, in **Config GPS** select “**Turn on 5Hz log**” checkbox to switch to 5Hz log mode.

NOTE: 5Hz Log feature is highly consumed more power and please make sure to recharge Q1300ST each time using this feature.

H. Start to use

Note: BT-Q1300ST is for outdoor use, we strongly recommend using it outdoor under open sky environment for better GPS signal reception.

H-1 Please connect BT-Q1300ST with your PC by mini USB cable, and then **power on BT-Q1300ST.**

H-2 Start the software utility

QSports™:

QSports™ can record, manage, and analyze all your daily/weekly/monthly activities with various sports gear such as Cycling, Skiing, Running, Jogging, Climbing etc.

1. Click from <Start> / <All Programs> / <Qstarz PC Suite> / QSports Users have to input product key at the first time of use. **The product key is located on the cover of the software CD.**
Important: Do not lose your Product Key. Please write the number down and keep it in a safe place.

2. Add New User

QSports™ supports multiple users. User information includes “User Name”, Gender, Birth Date, and Weight. In order to get correct calories calculation, please fill in the correct personal data.

3. <File> \ < Import Wizard >

Import Wizard can guide you to load the tracks from GPS device easily.

- 3.1 Select default “Sport Type”. QSports will create tracks with the default sport type, and users can change the sport type after import.
- 3.2 PC Utility will automatically detect the COM port and baud rate and load in the GPS tracks.

NOTE: Make sure to Power on GPS unit first before connecting with computer for downloading tracks.

4. <Ski track Analysis>

Ski track analysis allows you to compare the data of each ski track by user defined start/finish point, by distance, or by time.

- 4.1 **Add Start/Finish point:** click on the green/red fence icon on the right side of Google Map, and then choose to add a start and finish point of the track.
- 4.2 **Add split points:** click the red flag on the right side of Google Map, and then put the red flag on the place of the track that you want to know more detail about it.
- 4.3 **<Update Lap Info Now!>**

Show the ski track analysis info instantly by user defined start/finish point, distance, or time.

<By user defined start/finish point> -recommended

Data will be split and shown by user defined start/finish and split points.

<By Distance>

Data will be split and shown by each distance value.

<By Time>

Data will be split and shown by each time value.

4.4 <Comparison>

Select tracks to compare to the current track. The comparison is meaningful when the paths are similar.

QTravel™:

QTravel™ is the best Geotagging software to integrating your travel track and photo together easily. Support track editing, playback, and import/export Wizard.

1. Click from <Start> / <All Programs> / <Qstarz PC Suite> / QTravel Users have to input product key at the first time of use.

2. <File> \ < Import Wizard >

Import Wizard can guide you to proceed the Geotag process easily.

- 2.1 The Import Wizard will jump out every time during program startup. You can also launch it by clicking <File> \ <Import Wizard> or the quick link icon.
- 2.2 QTravel will automatically detect the com port and baud rate and load in the GPS tracks.
- 2.3 A track list window will be popped up. Select the tracks to import.
- 2.4 Please select the photo folder to import photos for geotag. You can also skip this step by clicking <Finish> directly and then there will be only tracks shown on Google Map.

3. <File> \ <Download AGPS Data>

Update the AGPS data from internet assistance server to boost warm start speed to 15sec.

A-GPS is a system where outside sources, such as an assistance server and reference network, help a GPS receiver boosts performance beyond that of the same receiver in a stand-alone mode by downloading the almanac data from an assistance server.

Update the Software:

Please always visit Qstarz download page for Multi-language Quick Installation Guide and latest software update.

<http://www.qstarz.com/download.php>

Register your Qstarz product

Register your Qstarz product to get the latest news, software update, event, and product information.

<http://www.qstarz.com/reg.php>

I. Safety Notice during Sports Activity

Please use proper Sports Armband to fix the GPS device on your body to prevent it from shaking. Shaking will result in unstable satellite signal reception.

Qstarz Sports Armband (Optional)

The proper usage of Sports Armband and Q1300ST





J. Trouble Shooting

Question	Answer
Can BT-Q1300ST be used to navigate when travel log is on?	Yes, you can use BT-Q1300ST to navigate when travel log is on simultaneously.
I lost my software license key. How can I apply for a new one?	If you did not register your product key by an email account, please email your product serial number (below the barcode, not FCC ID) to us to get a new license. But please notice that this key application is just allowed once. So it's important to keep the key in safe.
Can the logged data be downloaded through Bluetooth?	Actually it's okay for Q1300ST to download data via <i>Bluetooth</i> interface. However, since it is not stable and with lower download performance than that of USB interface, we don't officially admit this feature.
My navigation software does not support baud rate 115,200. How can I make it work via	When Qstarz GPS is connected via USB interface, the baud rate is fixed and should be set to 115200. If your software does not support this baud rate, please connect the device via Bluetooth interface whose baud rate is changeable.

USB interface with Qstarz GPS?	
My Q1300ST crashed. How can I make it back to normal status?	Please leave it until it drains out of battery and then Q1300ST will be back to normal status.
When I use Travel Recorder™ to read log from device, it appears “No Data in Device.” Why?	Q1300ST will not log invalid GPS data (GPS with no fix). So please make sure to log valid GPS data under open sky environment. If the logger still can not log, please perform a reset in Travel Recorder™ -> Config GPS or QSports -> Config GPS -> Reset

***Please get Multi-language e-Quick Guide attached from the CD Disc of the package, or download the latest User Guide from Qstarz website.**