

## Bluetooth GPS Receiver *Quick Installation Guide*

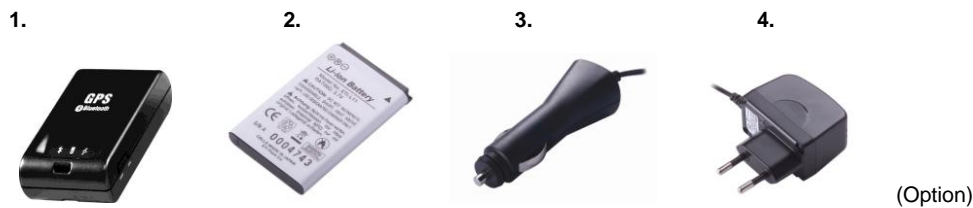
Thank you for purchasing Bluetooth GPS Receiver and we wish you have the best consumer product experience ever.

### Main features:

- Adopt Skytraq Venus 6 with 65-Channel for fast acquisition and reacquisition
- High sensitivity (to -160dBm)
- Excellent performance - Cold/Hot start time: 29/1 sec. (average)
- Smart power saving / Up to 14~16 hours usage
- Support standard NMEA-0183
- Compatible with Bluetooth Serial Port Profile (SPP) in 10m wirelessly
- WAAS / EGNOS supported

### A. Standard Package

Bluetooth GPS Receiver (1) + Lithium-Ion Rechargeable Battery (2) + Cigarette Adapter (3) + Optional Travel Charger (4) + Quick Installation Guide. (\* Travel Charger plug type might be adjusted according to corresponding countries.)



### B. Appearance



### C. Charging your battery

For the first time using the Bluetooth GPS Receiver, please charge battery until it is fully charged. Take the power cable and connect it to the power jack and recharge through travel charger or car cigarette adaptor. This will begin to charge the battery. Charging time is 3 hours typically.

- When the Power LED is blinking, battery power is low status. Please recharge.
- When the Power LED is steady on, the battery is under charging mode.
- When the Power LED is Off, the battery is fully charged.

**D. Start to use**

**D-1 Fully charge the battery when using at the first time**

A fully charged battery can last for 14~16 hours continuously operation.

**D-2 Activate the Bluetooth function in your PDA/Smart phone or PC**

Before activating the Bluetooth function in your PDA/PC, please power on Bluetooth GPS Receiver for pairing and check if your device is equipped with Bluetooth function. If not, you may need to acquire an optional CF/SD Bluetooth card or Bluetooth dongle.

**NOTE: The pairing procedure is required to execute in the first time only. And the pass code is "0000" if required.**

**D-3 Automatically create a shortcut in Bluetooth Manager window**

After the pairing complete, the system will then find a quick connect device "BT GPS" in Bluetooth Manager. In further use, you just need to click it to connect to this Bluetooth GPS Receiver.

**D-4 Check the Serial Port in Bluetooth Setting**

After complete pairing with the Receiver, please click "Serial Port" to confirm the assigned COM port. If you use PDA/PC to pair the GPS Receiver, please check "Outbound COM port".

**D-5 Set correct Serial Port in your map software**

Activate your navigation software and make sure to select the correct "Serial Port".

**NOTE: In the map software such as TomTom, you might need to change preference and set "Other Bluetooth GPS" or "Other Cable NMEA GPS" according to PDA/phone model. In some case please consult map software company to vary the setting if you have issue on positioning.**

**E. OTHERS**

**E-1 LED Indicators**

	LED Status	Flash	ON	OFF
1	Bluetooth (Blue)	Flashing for every 6 seconds (in pairing mode)	Bluetooth connected	GPS not powered
2	Power (Red)	Low Power (Flashing for every 1 second)	Recharging (Red)	Sufficient Power (None)
3	GPS (Green)	GPS position is fixed (Flashing for every 1 seconds)	GPS connected	GPS not connected

**E-2 Manufacturing Setting**

Protocol: NMEA 0183 - GGA, GSA, GSV, RMC  
 Baud Rate: 9,600 bps; Datum: WGS-84

**E-3 GPS Features**

Skytraq Venus 6 GPS Receiver with super high sensitivity at -160dBm  
 Frequency: L1, 1575.42 MHz; C/A Code: 1.023 MHz chip rate  
 Acquisition time: Hot start 1 sec. / Cold start 29 sec. (averaged)

**E-4 Bluetooth Features**

Bluetooth Version: V1.2 / SPP profile  
 Class 2 with 10 meters in open space

**E-5 Overall Features**

Built-in rechargeable 850mAh Lithium-Ion battery (up to 14~16 hrs after fully charged)  
 Size: 80.0 (L) X 44.0 (W) X 23.0 (H) mm / Weight: 65g (Battery excluded)

**F. Trouble Shooting**

Problems	Reasons	Methods
No position output but timer is counting	Weak or no GPS signal can be received at the place of Bluetooth GPS Receiver	Find an open space for your Bluetooth GPS Receiver
Execute fail	Bluetooth function unstable	Re-Start PDA or PC or re-install software
Can not turn on the COM port	Install Bluetooth GPS Receiver incompletely or the COM port of the device is being used	Install Bluetooth GPS Receiver completely or stop other device that is being used.
Can not find out Bluetooth GPS Receiver	Poor connection	Re-Start PDA or PC and re-install software.
No Signal	No action for few minutes may cause the Pocket PC enter power saving mode. It may close the COM port at the same time.	Close the application and execute it again to re-open the COM port.
No Signal	Weak or no GPS signal when using Bluetooth GPS Receiver indoor	Go outdoors to improve the poor GPS signal.