

44-Channel 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:

- I Adopt SkyTraq Venus 5 chipset with 44-Channel for fast acquisition and reacquisition
- I High sensitivity (to -158dBm)
- I Excellent performance - Cold/Warm/Hot start time: 40/35/1 sec. (average)
- I Smart power saving / 12~14 hours usage
- I Support standard NMEA-0183
- I Compatible with Bluetooth Serial Port Profile (SPP) in 10m wirelessly
- I WAAS / EGNOS supported

A. Standard Package

Bluetooth GPS Receiver (1) + Lithium-Ion Rechargeable Battery (2) + Cigarette Adapter (3) + USB Cable (4) +UK Travel Charger(5)+ Anti-slide spacer (6) +Strap (7)Quick Installation Guide.+Quick Installation Guide.



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 USB cable and connect it to the power jack then connect another side to PC, Laptop 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 12~14 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 8 seconds (in pairing mode),	Connected	Not powered
2	Power (Red)	Low Power (Flashing for every 1 second)	Recharging (Red)	Sufficient Power (None)
3	GPS (Green)	Satellite Fixed	Connected	Bluetooth 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 5 GPS Receiver with super high sensitivity at -158dBm
Frequency: L1, 1575.42 MHz; C/A Code: 1.023 MHz chip rate
Acquisition time: Hot start 1 sec. / Warm start 35 sec. / Cold start 40 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 1000mAh Lithium-Ion battery (up to 12~14 hrs after fully charged)
Size: 70.0 (L) X 28.0 (W) X 20.0 (H) mm / Weight: 25 g (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.