BB Brick GPS Receiver
Quick Guide

Thank you purchasing 3 in 1 GPS Receiver and we wish you have the best consumer product experience ever.

A. Main features：

- Adopt SkyTraq chipset with 65-Channel for fast acquisition and reacquisition
- High sensitivety(to-160dbm)
- Excellent performance-Cold/Hot start time:29/1 sec.(average)
- Smart power save mode: continuous for 12 hours
- Support standard NMEA0183
- WAAS/EGNOS Supported
- Build-in 16MB memory which is able to record 256
- POI function available

B. Standard Package:

(1) BB Brick GPS Receiver+ (2) Rechargeable battery + (3)Car Charger + (4) Anti-slide spacer + (5)Strap



C. Appearance



D. Charging your battery before using

For the first time using the BB Brick, 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 charger adaptor. This will begin to charge the battery with 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

E. Start to use

Fully charge the battery when using at the first time.
A fully charged battery can last for 12~14 hours continuously operation.

E-1-1 User Speed Detector

When you turn on the power, The GPS receiver will begin receiving GPS signal automatically and it will make a warning sound while closing to a speed detector camera.

Warning Sound:

Within 500 meters	Within 300 meters	Within 100 meters
Long sound three times	Short sound three times	Short sound rapidly

E-1-2. Save new Speed detector position by POI function.

Press the POI button for 3 seconds to set up longitude and latitude for a new speed detector after the orange light on and then off.

GPS Receiver will make warning sound for remaining when next time you pass the place.

E-1-3. Set correct Serial Port in your map software

Active 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" according to PDA/Smart Phone model. In some case please consult mapping software supplier to vary the setting if you have issue on positioning.

F-1. LED indicators

	LED Status	Flash	On	Off
1	**Speed Camera (Blue)**	Facing speed camera (blinking every 1 sec.)	Faced	Passed or not face
2	**Power (Red)**	Low power (flashing in every 1 sec.)	Recharging(Red)	Sufficient Power(None)
3	**GPS (Green)**	Satellite Fixed	GPS fixed	Not powered
4	**POI (Orange)**	Set up longitude and latitude for a speed detector (Flashing once)	Setting up	

F-2. Manufacturing Setting

•Protocol: NMEA 0183 - GGA, GSA, GSV, RMC
•Baud Rate: 9,600 bps; Datum: WGS-84
•High sensitivity SkyTraq Venus 6 GPS Receiver--160dBm
•Frequency: L1, 1575.42 MHz; C/A Code: 1.023 MHz
•Fixed time: Hot start-1 sec. /Warm start-25 sec. /Cold start-29 sec. (average)
•Bluetooth version: V1.2/SPP profile
•Efficiency distance up to 10 meter in open area
•Build-in flash memory: 16M Bits, able to save 256
•Rechargeable 850mAh battery (up to 12 hours after fully charged)
•Size: 70.0 (L) x 28.0(W) x 20.0(W)mm / Weight: 25 g (Battery excluded)

G. Trouble Shooting

Problems	Reasons	Methods
No position output but timer is counting	Weak or no GPS signal can be received at the place of GPS Receiver	Find and open space for your GPS Receiver
Cannot turn on the COM port	Install GPS Receiver incompletely or the COM port of the device is being used	Install GPS Receiver completely or stop other device that is being used
Cannot find out GPS Receiver	Poor connection	Restart PDA or PC or Reinstall 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