# i-Βlue747A⁺ Quick Installation Guide

**[Notes and Warning] If you have recorded more than 150,000 way points in your serial Flash, it may take an entire resource of your computer to show all the logged data in Google Earth. Therefore, with not enough RAM capacity the <span style="color:red">computer</span> may <span style="color:red">hang up</span> (a system <span style="color:red">frozen</span>).**

| Minimum Configuration | Recommended Configuration |
|---|---|
| - Windows 2000, or XP<br>- Pentium 3, 500Mhz<br>- 128M RAM<br>- 400MB disk space<br>- Network speed: 128Kbits/sec<br>- 3D-capable video card with 16Mbytes of VRAM<br>- 1024x768, "16-bit High Color" screen | - Windows XP, or Vista<br>- Pentium 4 2.4GHz+ or AMD 2400xp+<br>- 1G RAM<br>- 2 GB of free disk space<br>- Network speed: 768 Kbits/sec or better (DSL/Cable)<br>- 3D-capable video card with 32 MB of VRAM or greater<br>- 1280x1024, "32-bit True Color" screen |

Thank you for purchasing iBT-GPS 66-Channel Bluetooth GPS Data Logger. It provides capability up to 150,000 recorded data and supports Smart Power control for prolonged operation time.

## a. Features

- Dual mode for both Data record and Navigation
- Push button to record interesting point manually.
- User can record the date by setting the interval of time, distance and speed.
- 150,000 waypoints
- Semi indoor
- AGPS available
- Fuzzy Auto On/Off
- Phototagger software

## b. Package content

- Bluetooth GPS Data Logger - iBT-GPS x 1
- USB to mini-USB cable x 1
- DC cigarette lighter adapter x 1
- Lithium rechargeable battery x 1
- CD Tool x 1 (user manual, software utility)
- Quick start guide x 1

## c. Appearance



1. DC jack (mini USB type)
2. Mode switch (Power off/ Navigation/ Navigation&log)
3. Bluetooth status LED (blue)
4. Battery status LED (red/green)
5. GPS status LED (orange) / Push to log LED (red)
6. Internal GPS antenna
7. Push Button

## d. Getting Started

Step 1. Fully charge the battery when using at the first time

(When the green Power LED is off, the battery is fully charged.)

Step 2. Turning on the power switch



Power off        Navigation        Navigation & Data record

※Difference between NAV and LOG:

| NAV | Working as a Bluetooth GPS receiver. |
|---|---|
| LOG | Both of navigation and logging functions are enabled. |

Step 3. Connecting your handheld device with iBT-GPS

Step 4 Loading your GPS mapping or routing software
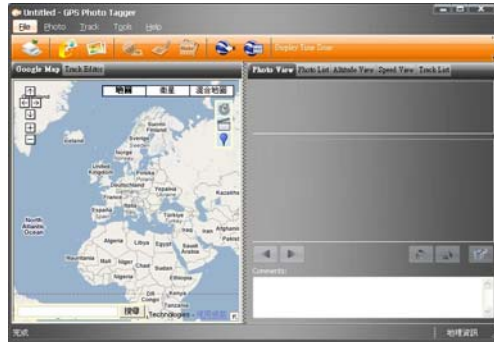
Step 5 Starting the application


e.   How to connect the iBT-GPS to your PC (Playback your route)

Step 1. Google Earth installation (Download from http://earth .google.com/)

Step 2. Execute software utility --- GPS Photo Tagger and USB drivers installation (Refer to CD)

Step 3. **For software utility how to use in detail**--- Refer to Help > User Manual

Step 4. Build a connection between your PC and iBT-GPS data logger, see below:



Please press the Auto Scan button to build a connection. Or select correct COM Port, and set Baud Rate at a fixed 115200. Then click on "Reconnect" to build a connection.

**[Note] To display the track points on Google Earth, your PC must have the Internet connection enabled.**

f.   Helpful tips

● It's better to turn off the iBT-GPS when you don't use it, otherwise it might still keep recording data if you leave it in the log state.

● Some vehicles having heavy metallic sun protecting coating on windshields may affect GPS signal receptions.

● Driving in and around high buildings may affect GPS signal receptions.

● Driving in tunnels or indoor park garage may affect signal receptions.

● In general, any GPS receiver performs best in open space where it can see clear sky. Also weather will affect GPS reception – rain & snow contribute to worse sensitivity.

● Low battery of a PDA or of an iBT-GPS may affect signal receptions.

● Please check the correct "COM" and "Baud Rate" of your PDA to secure the Bluetooth connection between iBT-GPS & PDA.

● iBT-GPS outputs data every second, therefore the actual position and the position shown in your map may have slight time delay. This may happen when you drive at higher speed or make a turn around a corner.

● For the 1st time you use the iBT-GPS, it will take 1 to 3 minutes to obtain the satellite constellation information and fix your position, this is called "Cold Start". If you replace the battery, iBT-GPS will do Cold Start again.

● If your iBT-GPS can't fix your position for more than 20 minutes, we suggest you change to another spot with open space and then try again.

   *Google Earth is a trademark of Google.


[Note] When you use AGPS function, we suggest use GpsView to download the AGPS data via USB cable

# FCC Notices

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.

CAUTION: Change or modification not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, 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 an experienced radio/TV technician for help.

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

RF exposure warning:
The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment also should be installed and operated with minimum distance 20cm between the radiator & your body.