

# QUICK START GUIDE


## Btop10 series Wireless bluetooth GPS Receiver


### 1. Hardware description

#### 1.1 LED



 : Indicate GPS status

 : Indicate battery status

 : Indicate wireless blue tooth status

There are three LEDs to show different status:

#### 1. Battery LED:

- RED color indicate battery low
- ORANGE color indicate battery is charging
- GREEN color indicate battery is full or still have enough power.

#### 2. GPS LED(green):

- ACTIVE indicate GPS power on
- BLINKING per second indicate position have been fixed

#### 3. Blue tooth LED(blue):

- FAST BLINKING indicate this Blue tooth GPS is at Linking state waiting for being discovered and linked by other blue tooth enabled device like PDA

#### NOTE:

1. Every time user wish to connect BTC bluetooth GPS with any new MASTER bluetooth device, which never link mutually before, user have to push linking switch first (bluetooth LED will blink quickly), then enable master bluetooth device "search bluetooth device" function, master bluetooth device will take few seconds to find GPS and ask for keying pass key. After enter valid PASS KEY, connection will be setup (please refer to Blue tooth PDA or other master blue tooth device for details)

#### 2. PASS KEY (or PIN CODE) for BTC GPS is "0000"

- SLOW BLINKING indicate GPS is waiting for connection from other master bluetooth device

- ACTIVE indicate blue tooth connection have been established successfully



- **The battery LED should be Green**  
Red color will show up if battery is low, the color will become orange while charging
- **Blue tooth LED(blue) will blink quickly (waiting for pairing from other bluetooth device) if it is used first time or LINK switch have been activated by user**
- **Blue tooth LED will blink slowly (waiting for connection from other blue tooth device) if Pairing have been done before**

**Third step:**

**enable PDA blue tooth function**

**Activate blue tooth search and connect function of blue tooth PDA or dongle. A virtual comport will be assigned after blue tooth connection is successful**

**(refer to instructions from bluetooth enable PDA which you select )**

**NOTE:**

**a PASS KEY ( or PIN code) request will prompt for paring from PDA, please enter “0000”**

**4<sup>TH</sup> step:**

**Running GPS navigation software**

**Verify and select bluetooth virtual comport with default baudrate**

**38400 for navigation software, then start to run NAVIGATION software**

**NOTE:**

**Make sure the comport number of software is the same as bluetooth virtual comport no**

**NOTE:**

**PAIR button of Btop10 have to be activated whenever a new blue tooth PDA available for connection**

### **3. how to activate bluetooth enabled device**

**there are many bluetooth enable devices like PDA or bluetooth dongle on the market which direct connect with BTC GPS. Each one may have different bluetooth setup procedure. So refer to their user manual for detailed instruction.**

#### **3.1 bluetooth PDA**

**Below is a briefing and sample for bluetooth PDA (Ipaq3970 series), other bluetooth PDA device should have similar concept**

**Refer to Btop10 User Guide section 4 from attached CD in detail**

#### **3.2 bluetooth Dongle(usb type)**

**Below is a briefing and sample for bluetooth dongle (BT5000U), other bluetooth dongle should have similar concept**

**Refer to Btop10 User Guide section 4 from attached CD in detail**