

**BT-502**

**Bluetooth Dongle**

User manual, version 0.1



## **1. Introduction**

Our latest Bluetooth Dongle has been designed and developed specifically for all current Bluetooth devices. The USB Bluetooth 2.0 Dongle combines the latest features with premium levels of quality and reliability. It enables networking products through Bluetooth capable of data transfer among devices such as PDAs, printers, mobiles, computers, and other emerging electronic devices. Compatible with USB 1.1 and 2.0, the BT502 supports Windows XP/2000/Me and installs quickly and easily to a desktop or notebook computer with an available USB port.

### **1.1. Package**

Before you start up, make sure that your package includes the following items. If any items are missing or damaged, contact your dealer immediately.

BT502 bluetooth dongle  
CD (including the driver)

## 1.2. Features

- Bluetooth v2.0 EDR compliant (Class II)
- Frequency Hopping Spread Spectrum (FHSS) for better connections
- High Speed data transfer up to 3Mbps
- Connects up to 7 Bluetooth devices to the PC
- Implements a Personal Area Network (PAN)
- Uses 2.4GHz ~ 2.480 GHz ISM band
- Connection range up to 10 Meters (32 feet)
- Activity indicator LED
- Plug and Play
- LMP improvements

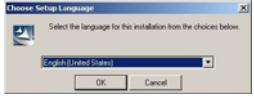
## 2. Specification

Model Name	BT502
Product Description	Bluetooth USB dongle
USB Interface	1.1
Certification	FCC, CE
Bluetooth Version	Bluetooth v2.0 EDR
RF Output Power	Class 2
Frequency	2.4GHz ~ 2.480GHz ISM band
Spread Spectrum	FHSS (Frequency Hopping Spread Spectrum)
Operating Range	10 meters (32 feet)
Sensitivity	-80dBm @0.1%BER

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Bluetooth Profile	SYNC 、SPP 、 Printer 、PAN 、OPP 、 LAP 、HID 、FTP 、 FAX 、A2DP 、AV 、 DUN 、BIP
LED	1 LED
Operation Temperature	-10 °C ~ 55 °C
Storage Temperature	-20 °C ~ 60 °C
Humidity	10% ~ 90% non-condensing
Dimensions	53.7 * 18.1 * 8.8mm (L * W * T)
Power Consumption	Working: 60mA , Stand by: 15mA

### 3. Install the driver

<b>Install the driver before you use the Bluetooth dongle</b>	
	<p>1. Please place the driver CD into CD-ROM drive, manually run it by double click on the "setup.exe" from CD root directory. please select the language you want.</p>
	<p>2. The Autorun program will prepare to install the driver for you.</p>



3 Click on **Next** button

4 Please select "I accept" and then click on **Next** button.



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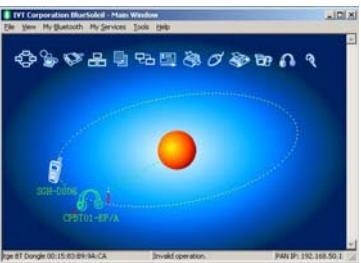
1 If you want to change the destination folder, click on **Change** button, and click on **Next** button to continue.

2 Click on **Install** button.



#### 4. Start the connection software

**Start the IVT BlueSoleil software**

 BlueSoleil	<p>1. Please double click on the “BlueSoleil” icon from desktop to start the BlueSoleil software, or click from <b>Start Programs IVT BlueSoleil BlueSoleil</b>.</p> <p>2. Click on the red ball to start or stop searching for <i>Bluetooth</i> devices in range.</p> 
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## 5. FCC Notices

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

### FCC statement

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 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.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

### **FCC Radiation Exposure Statement**

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

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**Channel**

This equipment marketed in USA is restricted by firmware to only operate on 2.4G channel 0-78.