



DBT-122

## Bluetooth 1.2 Adapter for PC

The DBT-122 is a versatile Bluetooth adapter for Windows-based PCs. Low-power and low-cost, this adapter simply plugs to any USB port on your computer to deliver wireless Personal Area Network connection for your computer. Very compact and lightweight, this adapter, about half the size of your finger, lets you easily talk and send data/images wirelessly to your PDAs, mobile phones, printers, laptop computers and other emerging electronic devices.

### Bluetooth 1.2 Standard

Adhering to Bluetooth 1.2 standard, the DBT-122 supports wireless data transfers of 723Kbps at ranges up to 10 meters or 33 feet. This capability allows you to establish an automatic wireless connection at a decent speed within a convenient range between your computer and your PDA, mobile phone and other devices.

### Wireless Connection

As a new technology for wireless connectivity, the DBT-122 lets you connect to a wide variety of devices without long cables trailing all over the place. Using a radio-based link with integrated antenna, the DBT-122 connects different devices together, giving you more freedom to roam.

### Data Encryption Security

Security is an issue when data is transmitted without the wires. In the air, transmitted data can be easily intercepted if not well protected by a security scheme. The DBT-122 provides the necessary security, using the enhanced 128-bit data encryption on any Bluetooth communication.

### Simple Installation

The DBT-122 plug-and-play feature makes installation on your computer simple and easy. With Bluetooth software provided and easy-to-understand instructions, this adapter lets you experience true wireless connectivity and enhanced compatibility with Bluetooth enabled devices.

### Features

- USB connection to PC
- Up to 723Kbps asymmetrical, 433.9Kbps symmetrical data transfer rate
- Bluetooth SIG 1.2 compliant
- Supports Adaptive Frequency Hopping (AFH) function
- RF wireless frequency 2400 to 2483.5 MHz for USA, Europe, Japan, 2446.5 to 2483.5 MHz for France
- 128-bit data encryption
- 2dBi on-board antenna
- Up to 10 meters (33 ft.) wireless operation range\*

\* Environmental factors may adversely affect operation range.

# DBT-122

## Technical Specifications

## Bluetooth Adapter

### System Requirements

- PC equipped with 300MHz processor or above
- 64 MB RAM or more
- USB 1.1 or 2.0 port
- Microsoft Windows XP, 2000, ME or 98SE with USB 1.1/2.0 support
- CD-ROM drive (for device driver installation)

### Bluetooth Standard

Bluetooth SIG 1.2

### Host Interface

USB 1.1

### Bluetooth Profile

- DUN: DT/GW
- Fax: DT/GW
- FTP: client/server
- HCRP: client
- Headset: AG/HS
- HID: host
- OPP: client/server
- PAN: AP/group/user
- SPP: Dev A/Dev B
- Sync: client /server
- LAN: DT/GW
- Generic Access
- Basic Image

### RF Emission Type

Frequency Hopping Spread Spectrum (FHSS)

### RF Modulation Type

GFSK

### RF Frequency

- 2400 to 2483.5MHz for USA, Europe, Japan
- 2446.5 to 2483.5 MHz for France

### Transmit Output Power

-6 to +4dBm (Class 2)

### Receive Sensitivity

-83 dBm typical across pass band under high interference environments

### Antenna

2dBi on-board

### General Function

Supports up to 7 slave devices

### Transfer Rates

- Up to 723 Kbps asymmetrical
- Up to 433.9 Kbps symmetrical

### Data Encryption

128-bit

### Wireless Operation Range

Up to 10 meters (33 feet) peer-to-peer \*

\* Environmental factors may adversely affect operation range.

## Physical & Environmental

### Power Supply

USB powered (derived from PC)

### Dimensions

47 x 19 x 10 mm

### Weight

78 grams

### Operating Temperature

0° to 50 °C

### Storage Temperature

-20° to 65 °C

### Operating Humidity

5% to 95% non-condensing

### Emission Certification

- FCC Class B
- CE
- C-Tick
- VCCI
- BSMI

### O.S. Driver Support

Windows XP, 2000, ME, 98 SE

### Package Includes

- DBT-122 USB adapter
- USB extension cable
- CD (containing User's Manual)
- Quick Installation Guide



## Ordering Information

**DBT-122** Bluetooth 1.2 USB Adapter

*Please specify your order as follows:*

**BBT-122** for USA  
**EBT-122** for EU  
**IBT1-22** for Canada/Worldwide  
**IBT1-22SG** for Singapore  
**NBT-122** for China  
**TBT-122** for Taiwan

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<b>Europe (U. K.)</b>	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
<b>Germany</b>	TEL: 49-6196-77990	FAX: 49-6196-7799300
<b>France</b>	TEL: 33-1-30238688	FAX: 33-1-30238689
<b>Netherlands</b>	TEL: 31-10-282-1445	FAX: 31-10-282-1331
<b>Belgium</b>	TEL: 32(0)2-517-7111	FAX: 32(0)2-517-6500
<b>Italy</b>	TEL: 39-02-2900-0676	FAX: 39-02-2900-1723
<b>Sweden</b>	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901
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<b>Norway</b>	TEL: 47-23-897189	FAX: 47-22-309085
<b>Finland</b>	TEL: 358-9-2707 5080	FAX: 358-9-2707-5081
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<b>Portugal</b>	TEL: 351-21-8688493	
<b>Czech Republic</b>	TEL: 420-(603)-276-589	
<b>Switzerland</b>	TEL: 41-(0)-1-832-11-00	FAX: 41(0)-1-832-11-01
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<b>Hungary</b>	TEL: 36-(0)-1-461-30-00	FAX: 36-(0)-1-461-30-09
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<b>Australia</b>	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
<b>India</b>	TEL: 91-022-26526696	FAX: 91-022-26528914
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<b>Turkey</b>	TEL: 90-212-289-56-59	FAX: 90-212-289-76-06
<b>Egypt</b>	TEL: 202-414-4295	FAX: 202-415-6704
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