



## Micro-Bluetooth USB Adapter TBW-106UB

The Micro Bluetooth USB Adapter (Model TBW-106UB) networks Bluetooth enabled devices such as cell phones, keyboards and headsets.

The size of a penny, simply plug this micro-device into an available USB port on your laptop or desktop and experience exceptional Bluetooth connectivity.

Connect as many as 7 Bluetooth devices at distances of up to 100m (328ft). Enhanced Data Rate (EDR) technology transfers your data quickly. Adaptive Frequency Hopping (AFH) minimizes interference from other wireless technologies. This compact device also provides secure encrypted data communication.

## FEATURES

- Connect Bluetooth-enabled devices such as printers, headsets, audio/video devices and mobile phones
- Compliant with Class I Bluetooth v2.0 and V2.1 specifications
- Enhanced Data Rate (EDR) support
- Bluetooth IVT software technology
- Adaptive Frequency Hopping (AFH) support
- Enhanced SCO (ESCO) for crisp and clear voice quality
- Compatible with Windows Vista/98SE/ME/2000/XP and Media Center Edition operating systems
- Communicates wirelessly up to 100 meters (328ft.) (depends on environment)
- Trouble free Plug-n-Play Installation
- 2-Year Limited Warranty

# Micro-Bluetooth USB Adapter

## TBW-106UB

### SPECIFICATIONS

Hardware	
Standards	• Class I Bluetooth v2.0 and V2.1 with EDR • USB 2.0 • Backward Compatible with Bluetooth v1.1, v1.2 and USB1.1
Antenna	• Internal
Supported OS	• Windows 7, Vista, XP, 2000 • Mac: 10.4 - 10.7
Operating Voltage	• 5V (USB bus-powered)
Power Consumption	• Typical: 95mA; idle: 12mA • Tx max: 136mA @19dBm; Rx max: 45mA
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 65° C (-14° ~ 149° F)
Humidity	• 5%~95%RH (no-condensation)
LED Indicator	• Single LED activity/connection
Dimensions	• 19 x 12 x 5.5 mm (0.75 x 0.47 x 0.22 in.)
Weights	• 1.8g (0.063 oz.)
Certification	• CE, FCC
Bluetooth	
Frequency	• 2.4 ~ 2.4833 GHz
Module Technique	• GFSK (Gaussian Frequency Shift Keying). $\pi/4$ DQPSK, 8DPSK
Profile Support	<ul style="list-style-type: none"><li>• DUN (Dial-up Networking)</li><li>• FAX Profile, BPP ( Basic Printing Profile)</li><li>• LAP (LAN Access Profile)</li><li>• SPP (Serial Port Profile)</li><li>• GAP (Generic Access Profile)</li><li>• HID (Human Interface Device)</li><li>• HCRP (Hardcopy Cable Replacement Profile)</li><li>• FTP (File Transfer Profile)</li><li>• OPP (Object Push Profile)</li><li>• A2DP (Advanced Audio Distribution Profile)</li><li>• GAVDP (Generic Audio/Video Distribution Profile)</li><li>• HSP (Headset Profile)</li><li>• PAN (Personal Area Networking)</li><li>• BIP (Basic Image Profile)</li><li>• SYNC (Synchronization Profile)</li><li>• AV (Audio Video)</li><li>• GOEP (Generic Object Exchange Profile)</li></ul>
RF Output Power	• -6~4dBm (typical)
Encryption	• 128 bit data encryption
Receiving Sensitivity	• - 82dBm ( typical)
Data Rate	• Basic data rate: up to 723.2Kbps • Enhanced data rate: up to 3Mbps
Data Range	• Up to 100m (328 ft.)

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## NETWORKING SOLUTIONS



\* Backwards compatible with USB 1.1 at 12Mbps

## PACKAGE CONTENTS

- TBW-106UB
- Multi-Language Quick Installation Guide
- CD-ROM (Driver & Utility)

## RELATED PRODUCTS

**TBW-105UB** Compact Bluetooth USB Adapter

## ORDERING INFORMATION

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