



Compact Bluetooth USB Adapter TBW-105UB

The USB 2.0 Bluetooth Adapter allows you to make short-range wireless connections between your computer and Bluetooth-enabled devices. This Bluetooth v2.0 utilizes Enhanced Data Rate (EDR) to allow for data rates up to 3Mbps. The Bluetooth adapter can easily connect to your Bluetooth-enabled devices from up to 10 meters away.

FEATURES

- Compliant with Bluetooth v2.0 Specification with EDR (Enhanced Data Rate) support
- Backward compatible with Bluetooth v1.1 and v1.2 devices
- Support Full-Speed Bluetooth operation with Full Piconet support
- Support AFH (Adaptive Frequency Hopping) and Fast Connection – enhanced inquiry scan (immediate RFS response), LMP improvements, Parameter Ranges, Extended SCO (eSCO) SCO handle, Synchronization
- Support Scatternet and up to 7 active slave devices
- Up to 3Mbps Access Data Rate and Low Power Consumption
- Compatible with Windows 98SE/ME/2000/XP Operating Systems
- Enable computers to connect Bluetooth enabled devices such as printers, headset, audio/video, basic Image, PDAs, and mobile phones
- Compliant with Class II Bluetooth Operations
- Communicates wirelessly up to 10 meters (32.8 ft.) (depends on the environment)
- Trouble free Plug-n-Play Installation
- 2-Year Warranty

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TBW-105UB

SPECIFICATIONS

Hardware	
Standards	• Class I Bluetooth v2.0 with EDR • Backward Compatible with Bluetooth v1.1, v1.2 • USB 1.1
Antenna	• Internal printed antenna
Supported OS	• Windows 98SE/ME/2000/XP
Power Consumption	• Typical: 95mA; idle: 12mA • Tx max: 136mA @19dBm; Rx max: 45mA
Dimensions	• 47 x 18 x 8 mm (1.85 x 0.7 x 0.3 in.)
Weights	• 5g (0.18oz.)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 65° C (-14° ~ 149° F)
Humidity	• 5%~95%RH (no condensation)
Emissions	• CE, FCC
Bluetooth	
Frequency	• 2.4 ~ 2.4835 GHz ISM Band
Spread Spectrum	• Frequency Hopping and Adaptive Frequency Hopping
Module Technique	• GFSK (Gaussian Frequency Shift Keying), p/4 DQPSK, 8DPSK
Profile Support	• DUN (Dial-up Networking), FAX • LAP (LAN Access Profile), SPP (Serial Port Profile), GAP (Generic Access Profile) • HID (Human Interface Device), HCRP (Hardcopy Cable Replacement Profile) • FTP (File Transfer Profile), OPP (Object Push Profile) • A2DP (Advanced Audio Distribution Profile), GAVDP (Generic Audio/Video Distribution Profile) • HSP (Headset Profile), PAN (Personal Area Networking) • BIP (Basic Image Profile), SYNC (Synchronization Profile) • AV (Audio Video), GOEP (Generic Object Exchange Profile)
RF Output Power	• 17dBm (typical)
Receiving Sensitivity	• -86dBm@0.1%BER (typical)
Data Rate	• Basic data rate: up to 723.2Kbps • Enhanced data rate: up to 3Mbps
Data Range	• Up to 10.0m (32.8 ft.) depends on environment

NETWORKING SOLUTIONS



* Backwards compatible with USB 1.1 at 12Mbps

PACKAGE CONTENTS

- TBW-105UB
- Quick Installation Guide
- CD-ROM (Driver/User's Guide)

RELATED PRODUCTS

TVP-SP1BK	ClearSky™ Bluetooth VoIP Phone Kit (for Skype™)
TBW-103UB	802.11g Wireless & Bluetooth Combo USB Adapter
TBW-102UB	High Power Bluetooth USB Adapter

ORDERING INFORMATION

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