



Micro Bluetooth® USB Adapter TBW-107UB (v1.0R)

The Micro Bluetooth® USB Adapter (Model TBW-107UB) networks Bluetooth enabled devices such as cell phones, keyboards, and headsets.

Slightly larger than 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 10m (32.8ft). Enhanced Data Rate (EDR) technology transfers your data quickly. Adaptive Frequency Hopping (AFH) minimizes interference from other wireless devices and advanced wireless encryption protects your network.



Features

- Connect Bluetooth-enabled devices such as printers, headsets, audio/video devices and mobile phones
- Compliant with Class II Bluetooth V2.1+ compliant
- 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 7/Vista/XP/2000
- Communicates wirelessly up to 10 meters (32.8ft) (depends on environment)
- Trouble free Plug & Play installation

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SPECIFICATIONS

Hardware	
Standards	• Class II Bluetooth v2.1+ with EDR, SB 2.0 • Backwards compatible with Bluetooth v1.1, v1.2, v2.0 and USB 1.1
Antenna	• Internal
Supported OS	• Windows 8, 7, Vista, XP, 2000, ME, 98SE • Mac: 10.7-10.8
Operating Voltage	• 5V (USB bus-powered)
Power Consumption	• Typical: 95mA; idle: 12mA • Tx max: 136mA @19dBm; Rx max: 45mA
LED Indicator	• Single LED activity/connection
Dimensions	• 19 x 12 x 5.5 mm (0.75 x 0.47 x 0.22 in.)
Weight	• 1.8 g (0.063 oz.)
Temperature	• Operation: 0°~ 40°C (32°F~104°F) • Operation: 0°~ 40°C (32°F~104°F)
Humidity	• 5%~95% (no condensation)
Certifications	• CE, FCC
Bluetooth	
Frequency	• 2.4 ~ 2.483 GHz
Modulation	• GFSK (Gaussian Frequency Shift Keying), π/4 DQPSK, 8DPSK
Profile Support	• DUN (Dial-up Networking) • FAX Profile, BPP (Basic Printing Profile) • 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	• - 6~4dBm (typical)
Encryption	• 128 bit data encryption
Receiving Sensitivity	• - 82dBm (typical)
Data Rate	• Up to 3Mbps (typical)
Date Range	• Up to 10m (32.8 ft.)