TRENDNET ®

High Power Bluetooth USB Adapter
TBW-102UB (v2.1)

Venture into the wireless realm with TRENDnet Bluetooth technology. Enhance your PCs with Bluetooth peripherals. Unclutter your workspace with TRENDnet's TBW-102UB Bluetooth wireless technology.

FEATURES

• Class I Bluetooth Operations

• Compliant with USB 1.1, Bluetooth 1.1 and 1.2 Specification

• Uses 2.4GHz ISM frequency band with Gaussian Frequency Shift keying (GFSK) standard

• Supports both Asynchronous Connectionless Link (ACL) and Synchronous Connection Oriented (SCO)

• High-Speed wireless data transmission, up to 723Kbps Data Throughput in ACL mode, and up to 64 Kbps in SCO mode

• Compatible with Windows 98SE/ME/2000/XP, Mac OS X 10.2.8 or above

• Supports up to 7 Slave Devices

• Built-in 128-bit encryption for secured data communications

• Enable computers to connect Bluetooth enabled devices such as printers, Headset, Audio/Video, Basic Image, PDAs, and mobile phones

• Supports Generic Access (GAP), Service Discovery Application (SDAP) serial Port (SPP), Dial-   up Network(DUN), Fax, File Transfer (FTP), LAN Access (LAP), Synchronization (SYNC), Object   Push (OPP), Generic Object Exchange (GEOP), Headset (HSP), and Hardcopy Cable Replacement (HCRP), Human Interface Device (HID) device.

• Compliant with Class 1 Bluetooth Operations

• Communicates wirelessly up to 100 meters (328 ft.) in limited condition

• Trouble free Plug-n-Play Installation

• 2-Year Warranty

BENEFITS

Integration Friendly:
Drivers support Windows Operating Systems

Economical:
Save time, labor, and material for network cable installation

Flexible:
Connects PC, Laptop, Printer, Fax, Headset, Cellular Phone, and PDA to share data, files, and information quickly and easily

Performance:
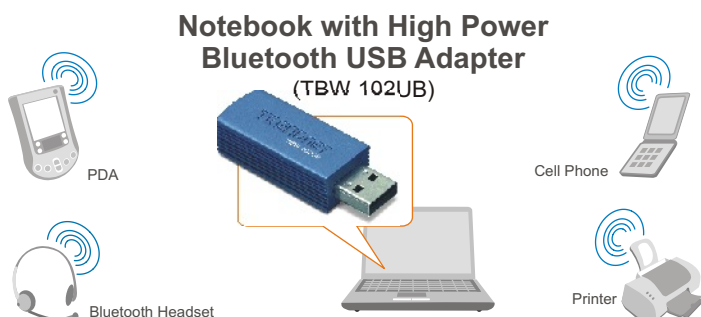Data Transfer Rate up to 723 kbps in ACL mode, 64 kbps in SCO mode

SPECIFICATIONS

Hardware	
Adapter Standards	• USB 1.1, Bluetooth 1.1 and 1.2
Antenna	• 2dBi
Link Mode	• ACL and SCO
TX Output	• Class1 Operation
Supported OS	• Windows 98SE/ME/2000/XP, Mac OS X 10.2.8 or above
Cable Length	• 15cm(6 in.)
LED Indicator	• Power
Operating Voltage	• 5V USB Power
Power Consumption	• 80mA (Max.)
Temperature	• Operation: 0°C~ 55°C (32°F~132°F), Storage: -20°C~ 55°C (-4°F~132°F)
Humidity	• 70% (Max)
Dimensions	• 57 x 18 x 11 mm (2.24 x 0.71 x 0.43in.)
Weights	• 11 g (0.4 oz.)
Certification	• CE, FCC
Wireless	
Frequency	• 2.4 ~ 2.4835 GHz
Module Technique	• Gaussian Frequency Shift Keying (GFSK)
Output Power	• 13dBm (typical)
Receiving Sensitivity	• - 82dBm (typical)
Data Rate	• Up to 723Kbps in ACL mode; up to 64Kbps in SCO mode
Data Range	• Up to 100m (328 ft.)

NETWORKING SOLUTIONS

Notebook with High Power Bluetooth USB Adapter
(TBW 102UB)

PDA

Bluetooth Headset

Cell Phone

Printer

PACKAGE CONTENTS

• TBW-102UB

• Multi-Language Quick Installation Guide

• Driver CD-ROM

• USB Cable

RELATED PRODUCTS

TBW-101UB	Bluetooth USB Adapter

ORDERING INFORMATION

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