Blue Radios
A Wireless World

Bluetooth

Bluetooth™ USB Communicator

Connect your peripherals and computing devices without cables

The Bluetooth USB Communicator (Adaptor) from BlueRadios lets you create cable-free connections between your USB desktop PC and devices using Bluetooth wireless technology. The adaptor is compatible with all Bluetooth v1.1-certified devices. It adds Bluetooth technology to your existing USB PC or notebook and enables you to wirelessly connect up to seven other devices enabled with Bluetotooth technology such as printers, PDA's, and cell phones simultaneously. Simply plug the Adaptor into the USB port on any PC or notebook computer and effortlessly connect to any device with Bluetooth technology wirelessly!

Benefits

- Adds Bluetooth wireless technology to your USB desktop computer, eliminating the hassle of cable connections.

- Offers compatiblity with any Bluetooth v1.1 compliant device

- Built-in security using 128-bit encryption and authentication, allowing you to securely access any Bluetooth device without wires

- Installs easily with Plug-and-Play convenience

- Allows you to work at distances up to 100 meters with 0 to 20 dBm output power*

- Provides effortless wireless communication among computing devices and peripherals through user friendly software (included)

- Supports Microsoft Windows 98 SE, Me, 2000, and XP

100m range is dependant upon environment, number of users, and other devices within immediate proximity.

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Specifications

Bluetooth Compliance:	Version 1.1
Physical Interface:	USBUHCI/OHCI 1.1 - compliant
Operating Frequency:	2.400 to 2.4835GHz
Output Power:	14dBm Typical (Class 1)
Sensitivity:	-80 dBm @ IE-3 BER minimum
Data Rate:	723.2/57.6Kbps
Operating Range:	100-meter radius indoors
Network Topology:	Point to Multipoint
Packet Support:	1/3/5 slot packets
Operation:	Master/Slave
Frequency Stability:	+/- 10PPM
Antenna	Internal Chip
Dimensions:	70.0mm (L) x 19.4mm (W) x 7.8mm (H)
Weight:	0.3oz or 10grams
Operating Temp:	0 to 40 degrees Celsius
Storage Temp:	-10 to 60 degrees Celsius
Humidity:	
Working:	80% RH and below
Storage:	95% RH and below
VBUS Supply Voltage:	4.6 to 5.25 VDC
Current Consumption:	200mA Max.
Host Protocol Stack:	HCI (Host), L2CAP, SDP, RFCOMM
Support Profiles:	Service Discovery, File Transfer, Serial Port, DUN, LAN, Generic Object Exchange, Business Card, FAX Push, Pull & Exchange, Synchronization
System Requirements:	
OS Support:	Windows 98 SE, Me, 2000, and XP
Hardware Support:	IBM PC/AT compatible machines with one available USB port Intel Pentium 3 or later processor

Package Includes:
1 Bluetooth USB Communicator
1 CD-ROM
1 User Guide
1 Quick Installation Guide

Adds Bluetooth wireless technology to your:
❑ USB PC or notebook
❑ Connects up to 7 other Bluetooth devices or park over 255
❑ Works to a range of 100 meters
❑ Interfaces easily to USB
❑ Complies with Bluetooth specification v1.1