

GBU421

## Bluetooth 2.1 USB Micro Adapter



The Micro Adapter allows users to connect up to seven Bluetooth devices together and transfer even the largest files quickly and easily. With the Micro Adapter's lower power consumption, you can enjoy longer battery life on your notebook computer. This Bluetooth Class 2 adapter is compatible with both Mac and PC computers, and offers a wireless range of 30 feet (10 meter). It is great for both home and mobile networking needs.

- Allows any computer with a USB port to become a Bluetooth enabled computer
- Ultra portable - tiny enough to stay with your laptop
- Bluetooth EDR (Enhanced Data Rate) - 3x faster than current Bluetooth (1.1 or 1.2) products; up to 2.1 Mbps
- Supports A2DP stereo audio wireless streaming
- Up to 30 ft (10m) maximum wireless range
- Wirelessly communicates with Bluetooth-enabled computers, printers, PDAs, cell phones, headsets, and more
- Built-in security to assure the privacy of your communication-pairing, encryption, and authentication
- Supports the following services: Generic Access (GAP), Serial Port (SPP), Dial-Up Networking (DUN), Fax (FAX), LAN Access (LAP), Object Push (OPP), File Transfer (FTP), Headset (HSP), Advanced Audio Distribution (A2DP), Audio/Video Remote Control (AVRCP), Synchronization (SYNCH)
- Backwards compatible with Bluetooth 1.1, 1.2 & 2.0



## Requirements

### Hardware Requirement:

- Available USB port

### Operating System

- For PCs: Windows XP, Windows Vista, and Windows 7  
For Macs: MAC OS X v10.3.9 or later

## Package Contents

- 1 Bluetooth to USB adapter
- 1 Driver/Manual CD\*
- 1 Quick Start Guide
- 1 Warranty / Registration Card

**Warning:** \*The included CD is a mini size disket, and it is recommended not to insert the mini size CD into the slot-loading CD ROM drive to avoid damaging the slot-loading CD ROM drive.

## Specifications

Function	GBU421	Dimensions	GBU421
<b>Operating Temperature</b>	0 C - 50 C	<b>POP Information</b>	
<b>Humidity</b>	5% - 90% non-condensing	10" Peg Hook	14
<b>Transmission Power</b>	4 dBm(Class 2)	6" Peg Hook	8
<b>Frequency Band</b>	2.402 GHz - 2.4835 GHz Unlicensed ISM band	Click Strip	6
<b>Modulation</b>	GFSK for 1Mbps, ? / 4-DQPSK for 2Mbps; 8-DPSK for 3Mbps	<b>Unit Dimensions</b>	
<b>Data Rate</b>	Up to 3 Mbps	Height	0.31 in (0.8 cm)
<b>Interface</b>	USB	Depth	0.79 in (2 cm)
<b>Sensitivity</b>	<-82dBm at < 0.1% BER	Width	0.63 in (1.60 cm)
<b>Security</b>	128b AES and application layer user defined	<b>Unit Package Dimensions</b>	
<b>Profiles Supported</b>	Generic Access (GAP), Serial Port (SPP), Dial-Up Networking (DUN), Fax (FAX), LAN Access (LAP), Object Push (OPP), File Transfer (FTP), Headset (HSP), Advanced Audio Distribution (A2DP), Audio/Video Remote Control (AVRCP), Synchronization (SYNCH)	Height	6.58 in
<b>Range</b>	30 ft (10m)	Width	4.61 in
		Depth	0.79 in
		<b>Master Carton</b>	
		Height	7.76 in
		Width	6.5 in
		Depth	5.43 in
		Master Carton Qty.	6
		<b>Weight</b>	
		Master Carton Wt.	1.2 lbs
		Unit Pack Wt.	0.20 lbs
		Unit Wt.	0.2 Oz