

BlueTooth USB Adapter

Model No. : ACT-BT-5000U

Bluetooth is the newest wireless solution for short distance connection. Bluetooth uses advanced 2.4Ghz spread spectrum technology and can connect Bluetooth devices up to 10/100 meter. Best of all, unlike traditional wireless networking kits, Bluetooth is a low-cost and low power consumption solution. It is optimized for PAN connect the device with Bluetooth module, such as Notebook, Handset, PDA, Digital camera, and do the data transfer or voice pass through.



- 2.4GHz FHSS technology
- Speed: full 723Kbps data rate
- Up to 10~20 meters range
- Bluetooth™ 1.1 Spec. Compliant
- With multiple function shch as Dial-up networking, File transfer, LAN Access
- Easy to expand the network
- Small size easy installation, plug and play
- Support Windows 98SE / ME / 2000 / XP

Application Cross Reference Table:

Updated time : April. 2002

Applications	PC / Notebook	Pocket PC	Mobile Handset	Printer	Access Point
File Transfer	V	V			
Active Sync.	V	V			
Object Exchange	V	V			
Network Access	V	V			V
Dial-up Network			V		
Series Port	V	V		V	
Keyboard/Mouse sharing	V				
Has already been tested on below model	Hitacki Flora 270HX	Compaq IPAQ 3870	Nokia 6310 Ericsson T68 Ericsson T39	HP 995C	WNC BAP-200

Bluetooth Specification:

Dimension	50mm x 9mm x 15mm
Weight	7.5 g
Hardware	
• Host Interface	USB Ver. 1.1
• Input Voltage/ Current	DC 5V/ 150mA (Typical)
• Current Consumption (Typical)	- Standby mode, I _{STA} : 25mA - Transmission mode, I _{TX} : 80mA
• Data Transfer Rate	1.0Mbps(Max)
• Antenna	Meander IFA



RF:

• Frequency Range	2.402 GHz ~ 2.480 GHz
• Channel Spacing	1 MHz
• Power Class	Class 2
• Tx Power (Typical)	0 dBm
• Rx Sensitivity	0.1% BER/ PIN: -70 dBm
• Antenna Load	50 Ohm

Software:

• Operation System	Windows 98SE / ME / 2000 / XP
• Core Protocol Stack	- HCI (Host Control Interface) - L2CAP (Logical Link Control and Adaptation Protocol) - RFCOMM (RS232 Serial Cable Emulation Profile) - SDP (Service Discovery Protocol) - OBEX (Object Exchange)
• Profile Pack	- GAP (General Access Profile) - SDAP (Service Discovery Application Profile) - SPP (Serial Port Profile) Client & Server - LAN Access Client & Server - DUN (Dial-Up Networking) Client & Server - FAX Profile Client - GOEP (Generic Object Exchange Profile) - FTP (File Transfer Profile) Client & Server - OPP (Object Push Profile) Client & Server - SYNC (Synchronization Profile)