

BlueTooth USB Adapter

Model No. : ACT-BT-5000U

Bluetooth is the newest wireless solution for short distance connection. Bluetooth uses advanced 2.4GHz~2.46GHz spread spectrum technology and can connect Bluetooth devices up to 50 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.



- Bluetooth Specification V.1.1 compliant
- Chip Solution: Broadcom BCM2035
- 4dBm Output Power ; Support **Class 2**
- Working distance up to 50 meters
- Supports Windows 98SE, Windows ME, Windows 2000, Windows XP
- Compliant with USB UHCI/OHCI spec. 1.1
- Dimension: 51.32 X 18.8 X 8.5 mm



Bluetooth Specification:

Dimension	51.32mm x 18.8mm x 8.5mm
Weight	7g
Hardware	
• Host Interface	USB Ver. 1.1
• Input Voltage	DC 3.3V
• Environment	- Operating: 0 ~ 50°C - Humidity: 10 ~ 90% non-condensing
• Data Transfer Rate	1.0Mbps(Max)
• Antenna	Internal



RF:

• Frequency Range	2.4 GHz ~ 2.462 GHz
• Channel Spacing	1 MHz
• Power Class	Class 2

- Output Power (Typical) 4 dBm
- Receiving Sensitivity -87 dBm (Typical)
- Modulation GFSK

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)
 - Audio Gateway / Headset Profile
 - Personal Area Networking Profile
 - Hardcopy Cable Replacement Profile
 - Human interface Device Profile