FriendlyNET®
Wireless Networking Solutions

SWITCHES

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ADAPTER CARDS

CONNECTIVITY

Quick Installation Guide

FriendlyNET Bluetooth™
Wireless USB Adapter

Model FBT100

ASANTÉ

www.asante.com

Introduction

Thank you for purchasing an Asanté FriendlyNET Bluetooth USB adapter. This adapter allows a computer with a USB port to communicate with other Bluetooth-enabled devices. When used with the Bluetooth application software it can perform wireless network applications such as information exchange, file transfer, network access, dial-up networking and so on.

■ Works with Bluetooth-enabled devices and peripherals including keyboards, mice, scanners, cellular phones, Personal Digital Assistants (PDAs) and more

■ Transfers data with multiple levels of security including Authentication, Authorization, and Encryption

■ Easy to install – simply install the adapter into an available USB port, run the Installation Wizard, and start using your new adapter! No driver required if you are using Mac OS X v10.2.2 and higher!

■ Advanced features with Bluetooth application software(included for Windows only)

■ Free telephone technical support when used with Windows 98SE/Me/2000/XP and Mac OSX v10.2.2 and later

Packing List

Your package contains the following items:
■ FriendlyNET Bluetooth Wireless USB adapter
■ This Quick Installation Guide
■ CD-ROM with drivers, application and User Manual

Minimum System Requirements

■ Pentium computer with available USB port; Microsoft Windows 98SE, Me, XP, or Windows 2000; CD-ROM drive

■ Power Macintosh with with available USB port; Mac OSX v10.2.2 and later; CD-ROM drive

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Software Installation:

Follow the steps below to install the device driver and Bluetooth Application software for your adapter.

Windows 98SE/Me/2000/XP:

✔ **Please ensure that the device driver has been properly installed before inserting the Bluetooth adapter into your computer for the first time.**

1. Insert the utility CD ROM into your computer.

3. Locate and double click on the file "Setup.exe" to launch the Installation Wizard.

4. Follow the on-screen instructions to install the drivers, restart your computer when prompted.
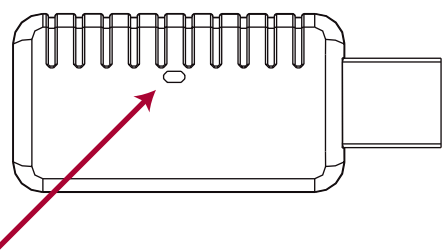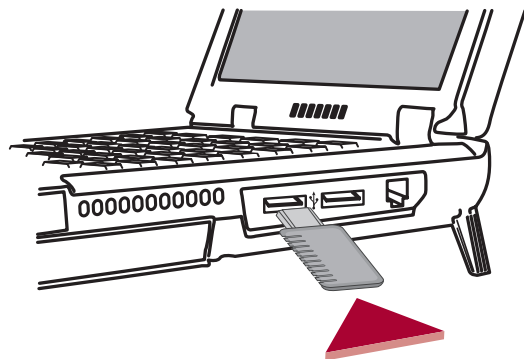
Mac OS X v. 10.2.2 and later:

No driver installation is required, Mac OS X should recognize the device and install the driver automatically. Please check under "System Preference" screen. If you see a Bluetooth logo, the adapter has been properly installed and is ready to use.

Application Notes:

Consult the comprehensive User's Manual on the included CD-ROM for instructions on using the Bluetooth Application software and status monitor.

Hardware Installation:

To install the adapter into computer simply insert it into any available USB port.

Status LED:
Flashing blue LED indicates the adapter is operating normally.

Supported Services (Windows 98SE/Me/2000/XP):

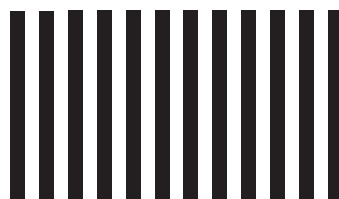Use the Bluetooth Application software to take advantage of your adapter' supported Bluetooth services:

■ **Bluetooth Serial Port –** establishes a Bluetooth wireless connection between two devices. The connection may be used by applications as though a physical serial cable connected the devices.

■ **Dial-up Networking –** allows a Bluetooth client to use a modem that is physically attached to the Bluetooth server.

■ **Fax –** allows a Bluetooth client to wirelessly send a fax using a device that is physically attached to the Bluetooth server.

■ **File Transfer –** establishes a Bluetooth wireless connection that allows your computer to perform file system operations on another Bluetooth-enabled device – browse, drag/drop, open, print, cut/copy, paste, delete, rename, etc.

■ **Information Exchange –** establishes a Bluetooth wireless connection between two devices so that they can exchange personal information manager data such as business cards, calendar items, email messages, and notes.

■ **Information Synchronization –** establishes a Bluetooth wireless connection between two devices and uses the connection to synchronize Personal Information Manager data between the two devices.

■ **Network Access –** establishes a Bluetooth wireless connection between the client and a server that is physically connected to the Local Area Network. If the client has permission (user name and password for the LAN), the wireless connection can be used as if the client were hardwired to the LAN.

Asanté Product Registration

Name

Title

Company

Address 1

Address 2

City

State

Zip/Postal

Country

Phone

Fax

Email

Date of Purchase

Asanté Part Number

Product Serial Number

To register your Asanté product online, please visit:
http://www.asante.com/support/registration.html

Free Technical Support and Warranty
Two years free telephone technical support via web and FTP; two years product warranty.

Need more help?
Consult the Asanté website (www.asante.com) for additional troubleshooting tips and frequently asked questions (FAQ). You may also contact Asanté Technical Support during standard business hours (7am to 6pm MST, Monday-Friday).

NOTE: For Mac OS X users, please aquire Bluetooth Software from www.apple.com.

Email: support@asante.com

Phone: 801-566-8991

FAX: 801-566-3787

Product Specifications

Supported Operating
Systems: Microsoft Windows 98SE, Me, 2000, XP
Mac OS X v10.2.2 and later
For Mac users, please aquire Bluetooth Software from www.apple.com.

Operating
Standard: Bluetooth v. 1.1

Status Indicators: High visibility blue status LED

Host Interface: USB v. 1

Power: 5V, self powered (USB)

General: Supports up to 7 slave devices
On-module RAM enables firmware updates from host computer

Transfer Rates (Max):   723Kbps Asymmetrical
433.9Kbps Symmetrical

Encryption: Up to 128-bit

Environmental Characteristics

Dimensions: 2.24 x .95 x .39 (inches)
57 x 24 x 10 (mm)

Weight: .32 ounces
9 grams

Operating
Temperature: 32 ~ 104º F (0 ~ 40º C)

Wireless Performance

Frequency Band: 2.4 ~ 2.4835 GHz Unlicensed ISM Band

Spread Spectrum: FHSS (Frequency Hopping Spread Spectrum)

RF Output Power: Class II

Antenna: 2dBi On-Board integrated PCB antenna

Sensitivity: < 0.1% BER at -70dBm

RF: Wireless Frequency 2400
2483.5 MHz for USA/Europe/Japan
2446.5 to 2483.5 MHz France

Receiver Sensitivity: -80 dBm typical across passband under high interference environments

Range: Up to 33 feet (peer-to-peer)

RF Technology: Frequency Hopping Spread Spectrum
Bluetooth Software from www.apple.com

Visit Asanté at www.asante.com

Main Corporate Telephone Numbers
800-662-9686 (Home/Office Solutions)
800-303-9121 (Enterprise Solutions)
408-435-8388

Technical Support
801-566-8991 (Worldwide)

Technical Support Fax
801-566-3787

Safety and Regulatory Compliance

FCC Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

–   Reorient or relocate the receiving antenna.
–   Increase the separation between the equipment and receiver.
–   Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
–   Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
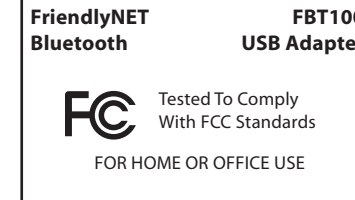
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

European Community CE Notice:
Marking by the symbol CE indicates compliance of this equipment to the R&TTE Directive 1999/5/CE. Such marking is indicative that this equipment meets or exceeds the following technical standards:

–   EN 300 328
–   EN 301 489 -1, EN 301 489 –17
–   EN 60950

FriendlyNET   **FBT100**
Bluetooth   **USB Adapter**

FCC Tested To Comply
With FCC Standards

FOR HOME OR OFFICE USE