

*Use this guide to quickly and easily install your **Wireless USB Adapter**. For detailed setup and configuration information, refer to the Buffalo Wireless Support Web Pages.*

Contents

- ▶ 54Mbps Wireless USB Adapter
- ▶ USB Cable
- ▶ AirNavigator CD
- USB Drivers
- OS Patches
- Client Manager Utility
- ▶ Quick Setup Guide
- ▶ Warranty Statement

If any items are missing, please contact the reseller from whom you purchased this product.

System Requirements

- ▶ Desktop or Notebook PC with an available USB port
- ▶ 10 MB of available disk space
- ▶ 802.11b or 802.11g access point (Infrastructure Mode) OR a different computer with an 802.11b or 802.11g wireless adapter (Ad-hoc Mode).
- ▶ Depending on your operating system, methods of preparing your computer for installation will vary.

Please ensure that the installation procedures being used are for your operating system.

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System Requirements by Operating System

This is a high-speed USB 2.0 product. For Windows XP and Windows 2000 users it may be necessary to update and patch your operating system to take full advantage of the speed of USB 2.0 as follows. To check which Service Pack, if any, is currently installed, click Start - Run and type msinfo32 and click OK.

The Service Pack version will be displayed in the second line.

Windows XP

1. **Install Service Pack 1 if not currently installed**

- Available for free online at Windows Update - windowsupdate.microsoft.com

2. Apply Microsoft's Patch 822603 to provide USB 2.0 support

- Included on the AirNavigator CD in the directory "microsoft"

Windows 2000

Install Service Pack 4 if not currently installed

- Available for free online at Windows Update - windowsupdate.microsoft.com

Note:

Windows 98SE and Windows Millennium drivers are included on the AirNavigator CD; however, Microsoft has not issued plans to release support for the USB 2.0 standard on these operating systems, though they do support USB 1.1 which the USB adapter is backwards compatible with. For further details on Windows 98SE and Millennium, please reference the User Manual included on the AirNavigator CD. Additional support for USB with Windows 98 is available at microsoft.com within support articles 263218 and 258773.

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Step 1 ▶ Installing the Wireless

USB Adapter

- ▶ Insert the Wireless USB Adapter, cable into an available USB port.

USB ports are usually located in the front or rear of the computer.

Once the Wireless USB Adapter is installed correctly, the **Found New Hardware Wizard** will launch automatically.

If the Found New Hardware Wizard does not launch, remove the Wireless USB Adapter and restart the computer. Re-insert the Wireless USB Adapter once the computer has rebooted.

- ▶ Select **Install the software automatically**.

Insert the **AirNavigator CD**.

Click the **Next** button.

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Windows XP Installation & Configuration

Note: It is not necessary to use a AC adapter for power, as the USB will receive power via the USB cable. However, some legacy USB ports will not provide ample power, and a power cable will be provided if necessary.

Contact customer support for more information on this issue.

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▶ Hardware Installation

The setup process will search the CD for the appropriate driver and begin installation.

If a window opens, stating that

your driver does not pass Windows Logo testing, click the **Continue Anyway** button.

- When the Wireless USB Adapter is successfully installed, click the **Finish** button. Restart your computer if prompted.

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Windows XP users have the option of using Windows' built-in Wireless Zero Configuration service to manage the wireless card or Client Manager from Buffalo Technology, which is included on the CD.

If Client Manager is used, the Wireless Zero Configuration service should be disabled by entering the Control Panel - Administrative Tools - Services and changing the WZC service state to disabled.

An update for Wireless Zero Configuration is available from Microsoft that will support enhanced security. Check microsoft.com for this free update.

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You have finished installing your Wireless USB Adapter. See **Installing Client Manager** to install Client Manager on your computer. Client Manager will not function properly if the Wireless Zero Configuration Service is activated. For more information about configuring and operating your Wireless USB Adapter and Client Manager, refer to the Buffalo Support Web Site.

Note: Buffalo Technology recommends that users of the Wireless Zero Configuration Service upgrade to the latest version freely available at www.microsoft.com.

- If **Wireless Zero Configuration Service** is not functioning, select **Start » Control Panel » Administrative Tools » Services**.

Select **Automatic** in the **Startup** type field to enable **Wireless Zero Configuration Service**. The default value of **Wireless Zero Configuration Service** is **Automatic**.

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Step 1 Installing the Wireless USB Adapter

- Insert the Wireless USB Adapter, cable into an available USB port. USB ports are usually located in the front or rear of the computer. Once the Wireless USB Adapter is installed correctly, the **Found**

New Hardware Wizard will launch automatically. If the Found New Hardware Wizard does not launch, remove the Wireless USB Adapter and restart the computer. Re-insert the Wireless USB Adapter once the computer has rebooted.

- ▶ Select **Search for a suitable driver for my device**.

Click the **Next** button to continue.

- ▶ Verify that the **Specify Location** checkbox is selected under **Optional search locations**. Clear any other checkboxes that are selected. Click the **Next** button to continue.

Windows 2000

Installation & Configuration

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- ▶ The setup process will locate the suitable driver on the CD. Click Next to proceed with installation.

- ▶ If the **Digital Signature Not Found** window opens, informing you that no digital signature exists for the driver you are installing, click the **Yes** button to continue the installation process.

When the Wireless USB Adapter driver is successfully installed, click the **Finish** button. Restart your computer if prompted.

You have finished installing your **AirStation 54Mbps Wireless USB Adapter**. See **Installing Client Manager** to install Client Manager on your computer to complete the setup process.

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Depending on the operating system used, some windows may appear slightly different.

After attaching the USB adapter, the Add New Hardware Wizard will launch.

Allow the wizard to search for the best driver and click Next.

Check the box for the CD-ROM

drive and clear any boxes already checked.
Click Next to begin searching for the driver.

When the driver has been located, click Next to complete the device installation process.

Windows 98SE/ME Installation & Configuration

You have finished installing your Wireless USB Adapter. See **Installing Client Manager** to install Client Manager on your computer to complete the setup process.

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1 Insert the **AirNavigator** CD-ROM into your CD-ROM drive. The **AirNavigator** Setup Wizard should launch automatically. If it does not launch automatically, click **Start**, click **Run**, type **D:\SETUP.EXE** in the provided field and click **OK** (assuming D: is the letter assigned to the CD-ROM drive).

Once **AirNavigator** launches, select **Install Utilities** and click OK.

2 Once the InstallShield Wizard launches, click the **Next** button to begin the software installation.

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3 Confirm that the installation location for the software is acceptable. To select an alternate installation location, click the

Browse button and select another location. Click the **Next** button to continue to the **Select Components** page.

4 Select the components you want to install and click the **Next** button to continue to the **Start Copying Files** page.

5 Click the **Next** button to begin copying the necessary files to install Client Manager.

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6 Click the **Yes** button, when prompted, to add a shortcut for Client Manager to your Windows Startup menu. If you click the **Yes** button, Client Manager will run at startup.

7 Click the **Finish** button to complete the installation of Client Manager. Restart your computer.

Note: The Wireless USB Adapter and Client Manager will not function properly until you reboot the system.

Depending on the operating system, some screens may vary from those shown in this guide. However, by accepting default installation settings, Client Manager should properly install. For more information about configuring and operating your Wireless USB Adapter and Client Manager, refer to the Buffalo Support Web Site: **described on the page 12.**

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- **Online Help** Available on the AirNavigator CD enclosed with your purchase.

- **Web USA** <http://www.buffalotech.com/wireless>

UK <http://www.buffalo-technology.com>

TAIWAN <http://www.buffalo-tech.com.tw>

KOREA <http://www.buffalotech.co.kr>

The constantly evolving state of wireless products and operating systems requires Buffalo Technology to occasionally release updated software to take advantage of new technologies and to comply with industry standards. For the most recent software, firmware, driver, and technical whitepaper releases available, please visit the Buffalo Technology website.

FCC Compliance Statement - See owners manual for complete statement.

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.

R&TTE Compliance Statement - See owners manual for complete statement

This equipment complies with all the requirements of the DIRECTIVE 1999/5/EC OF

THE EUROPEAN PARLIAMENT AND THE COUNCIL of 9 March 1999 on radio equipment and telecommunication terminal Equipment and the mutual recognition of their conformity (R&TTE).

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**Buffalo declares that WLI2-USB2-G54 (FCC ID: FDI-04600050-0) is limited in □
CH1~CH11 by specified firmware controlled in U.S.A.**

Federal Communication Commission 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: To assure continued compliance, 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.

IMPORTANT NOTE:

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.