Air Station G54 Quick Setup Guide

54Mbps Wireless Notebook Adapter-g
WLI-CB-G54A

*Use this guide to quickly and easily install your **Wireless Notebook Adapter-g**. For detailed setup and configuration information, refer to the User Manual, located on the AirNavigator Utility CD or the Buffalo Wireless Support Web Page.*

Contents

▶ Wireless Notebook Adapter-g

▶ AirNavigator CD

▶ Quick Setup Guides

▶ Warranty Statement

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

System Requirements

▶ Notebook PC with an available 32-bit CardBus slot

▶ 10 MB of available disk space

  (with Client Manager)

▶ 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).

▶ **Windows XP :** Refer to the **Windows XP** section of **Installing and Configuring the Wireless Notebook Adapter-g** to install your Wireless Notebook Adapter-g.

▶ **Windows 98se/ ME/2000**: Refer to the **Windows 98se/ME/2000** section of **Installing and Configuring the Wireless Notebook Adapter-g** to install your Wireless Notebook Adapter. Once you successfully install your Wireless Notebook Adapter, continue your setup by referring to the **Installing Client Manager** section of this guide.

www.buffalotech.com/wireless

Windows XP
Installation & Configuration

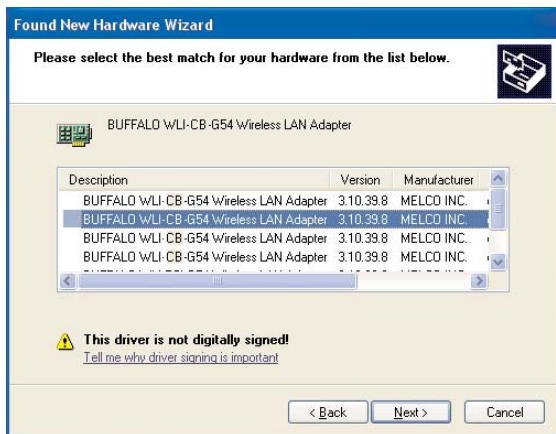## Step 1 Installing the Wireless Notebook Adapter

A Insert the Wireless Notebook Adapter, with the Buffalo logo facing up, into an available CardBus slot. CardBus slots are usually located on the left or right side of the notebook. Once the Wireless Notebook Adapter is installed correctly, the **Found New Hardware Wizard** will launch automatically. If the Found New Hardware Wizard does not launch, remove the Wireless Notebook Adapter and restart the notebook. Re-insert the Wireless Notebook Adapter once the notebook has rebooted.

B Insert the AirNavigator CD

C Select **Install the software automatically**.
Click the **Next** button.

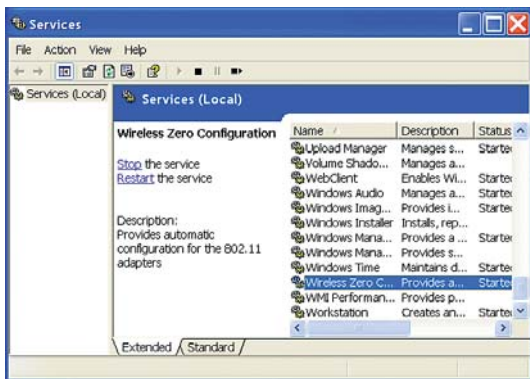**NOTE:** If **AutoRun** is enabled, exit out of the automatic Software Installation.

C Select the driver you want to install. If multiple drivers are listed, select the most recent driver version. Click the **Next** button.

NOTE: If prompted to select a search location, un-select all checkboxes except for the CD-ROM drive

D If a window opens, stating that your driver does not pass Windows Logo testing, click the **Continue Anyway** button. When the Wireless Notebook Adapter is successfully installed, click the **Finish** button. Restart your notebook if prompted.

A If the Wireless Zero Configuration Service is activated, Windows will scan for available wireless access points once the Wireless Notebook Adapter is properly installed. If Windows detects one or more access points, a networking icon appears in the taskbar. **One or more wireless networks are available** appears as a caption accompanying the icon.

Note: If the Wireless Zero Configuration Service is not functioning, select **Start » Control Panel » Administrative » Tools » Services**. Select **Automatic** in the **Startup type** field to enable the Wireless Zero Configuration Service. The default value is **Automatic**.

B Right click the networking icon in the taskbar and select **View Available Wireless Networks** to display a list of available wireless networks. (See step 2C if you need to enter an ESS-ID network name or WEP/WPA encryption key.) Select an access point network name or ESS-ID and click the **Connect** button to establish a connection.

00074035E1C6 properties

Association | Authentication

Network name (SSID): 00074035E1C6

Wireless network key

This network requires a key for the following:

Network Authentication: Open

Data encryption: WEP

Network key: ••••••••

Confirm network key: ••••••••

Key index (advanced): 1

☐ The key is provided for me automatically

☐ This is a computer-to-computer (ad hoc) network; wireless access points are not used

OK | Cancel

C Select a network name or access point and click the **Advanced** button to enter an SSID and/or WEP/WPA/WPA-PSK encryption key into the appropriate field, if any is necessary and click the **Connect** button.

WPA requirements
Windows XP users must use the Wireless Zero Configuration Service with Service Pack 1 (SP1) and the WPA patch installed. This software can be downloaded from:
http://www.microsoft.com.

WIndows 98SE/2000/ME users require a third-party WPA supplicant such as Odyssey by Funk Software. For more information visit:
http://www.funk.com

For more information about the Wireless Zero Configuration Service, refer to the Microsoft Support Web Site: **http://www.microsoft.com**

NOTE: Buffalo Technology recommends that users of the Wireless Zero Configuration Service upgrade to the latest version available free at **http://www.microsoft.com**.

You have finished installing your Wireless Notebook Adapter-g. See **Installing Client Manager** to install Client Manager on your notebook. Client Manager will not function properly if the Wireless Zero Configuration Service is activated. For more information about configuring and operating your Wireless Notebook Adapter-g and Client Manager, refer to the Buffalo Support Web Site: **http://www.buffalotech.com/wireless/support/index.php.**

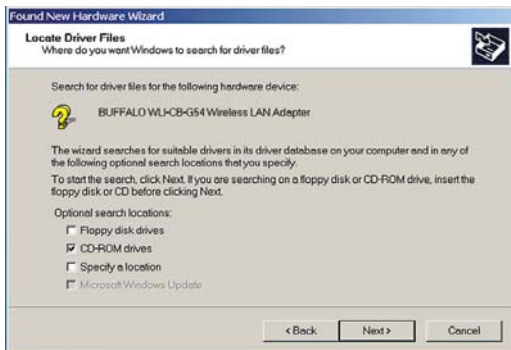# Windows 98SE/2000/ME Installation & Configuration

A Insert the Wireless Notebook Adapter, with the Buffalo logo facing up, into an available CardBus slot. CardBus slots are usually located on the left or right side of the notebook. Once the Wireless Notebook Adapter is installed correctly, the **Found New Hardware Wizard** will launch automatically. If the Found New Hardware Wizard does not launch, remove the Wireless Notebook Adapter and restart the notebook. Re-insert the Wireless Notebook Adapter once the notebook has rebooted.
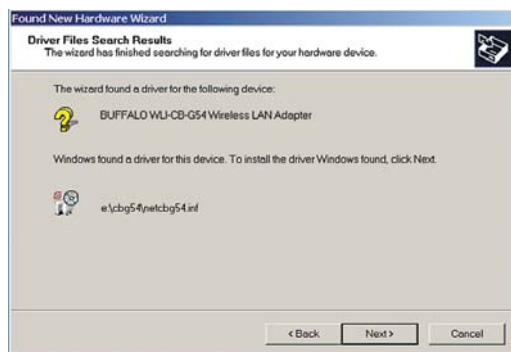

B Insert the AirNavigator CD

C Select **Search for a suitable driver for my device**. Click the **Next** button to continue to the **Locate Driver Files** page.

NOTE: If **AutoRun** is enabled, exit out of the automatic Software Installation.

C Verify that no **Optional search locations** are selected. Clear any checkboxes that are selected except for the CD-ROM drive. Click the **Next** button to continue to the **Driver Files Search Results** page.

D Windows will display a driver you can use with the Wireless Notebook Adapter. Click the **Next** button to continue the installation process.

E **Windows 2000:** If the **Digital Signature Not Found** page 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 Notebook Adapter is successfully installed, click the

You have finished installing your Wireless Notebook Adapter-g. See **Installing Client Manager** to install Client Manager on your notebook.

Installing Client Manager

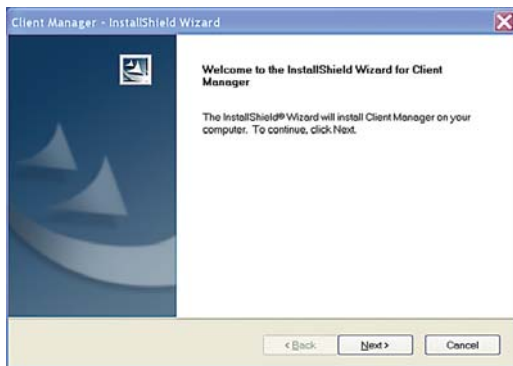**Client Manager is used to associate a Buffalo Wireless Client Card or Adapter to an access point.**

Note: Client Manager does not function properly if the Windows XP Wireless Zero Configuration Service is enabled.

If you plan to use XP's Wireless Zero Configuration Service, do not install Client Manager.

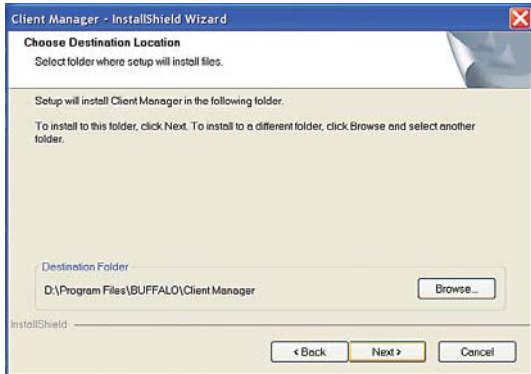**A** Insert AirNavigator CD-ROM

B The **AirNavigator** dialog box will open automatically. If the **AirNavigator** dialog box does not open automatically, select **Start»Run** and enter **D:\Setup.exe** in the **Open** field to open the dialog box manually. **D:** represents the letter assigned to the CD-ROM drive. If another letter is assigned to the CD-ROM drive, your command should reflect that difference. Click the **OK** button. Select **Install Client Manager** to launch the InstallShield Wizard.

C Once the InstallShield Wizard launches, click the **Next** button to begin the software installation.
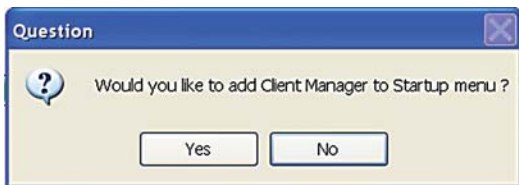
C Confirm that the installation location for the software is acceptable. To select an alternate installation location, click the **Browse** button and select another location. Click the **Next** button to continue to the **Select Components** page.

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

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

F 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.

NOTE: Users who frequently change profiles should not add Client Manager to the Start-up Group.

G Click the **Finish** button to complete the installation of Client Manager. Restart your notebook.

Note: The Wireless Notebook 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 Notebook Adapter-g and Client Manager, refer to the Buffalo Support Web Site: **http://www.buffalotech.com/wireless/support/index.php.**

In order to utilize WPA, users currently require XP's Wireless Zero Configuration Service.

WIndows 98SE/2000/ME users require a third-party WPA supplicant such as Odyssey by Funk Software. More information can be found at :
http://www.funk.com

Connecting with Client Manager

Note: Make sure your Access Point is operational prior running Client Manager.

A Open Client Manager and Click the **Survey** button.

Click **Refresh.**

Select the Access Point to connect to.
Add WEP password if applicable.

Click **Connect**

B Client Manager has associated with the access point

Close Client Manager.

Buffalo Technology
Technical Support

Buffalo Technology offers toll-free technical support 24 hours a day, 7 days a week for this product. Customers in the United States and Canada can obtain technical support using the following information:

◗ **Online Help**   Available on the AirNavigator CD enclosed with your purchase.
◗ **User Manual**   Available on the AirNavigator CD enclosed with your purchase.
◗ **Web**   www.buffalotech.com/wireless
◗ **E-mail**   info@buffalotech.com
◗ **Telephone**   866-752-6210 (USA & Canada only)

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).