D-Link
Quick Installation Guide

This product works with the following operating system software: Windows XP, Windows 2000, Windows Me, Windows 98se

DWL-G650

Xtreme G 2.4GHz
Wireless Cardbus Adapter

Before You Begin

You must have at least the following:

- A laptop computer with an available 32-bit Cardbus slot
- At least a 300 MHz processor and 32MB of memory
- Cardbus Controller properly installed and working in the laptop computer
- An 802.11g or 802.11b Access Point (for Infrastructure Mode) or another 802.11g or 802.11b wireless adapter (for Ad-Hoc; Peer-to-Peer networking mode.)

Check Your Package Contents

These are the items included with your DWL-G650 purchase:

DWL-G650 Xtreme G 2.4GHz Wireless Cardbus Adapter

CD-ROM (containing Drivers, Manual and Warranty)

If any of the above items are missing, please contact your reseller.

1 Insert the D-Link CD-ROM Into Your Computer

Turn on the computer and **Insert** the **D- Link *Air*Extreme DWL-G650 Driver CD** in the CD-ROM drive.

The step-by-step instructions that follow are shown in **Windows XP**. The steps and screens are similar for the other Windows operating systems

⚠️ **Do NOT install the DWL-G650 Cardbus Adapter into your computer before installing the driver software from the D-Link CD!**
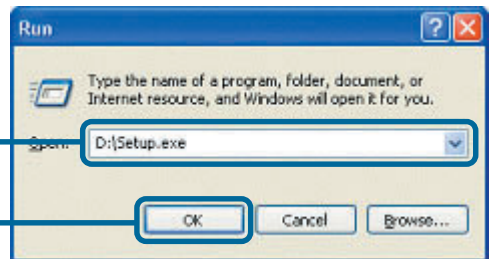
1 Continued...

The Install Screen will appear.
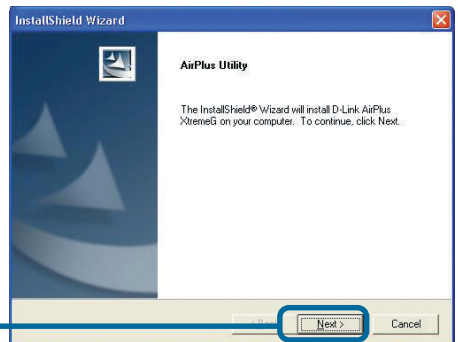
Click Install Driver/PC Utility

If the CD Autorun function does not automatically start on your computer , type "D:\Setup.exe." If it does start, proceed to the next screen.
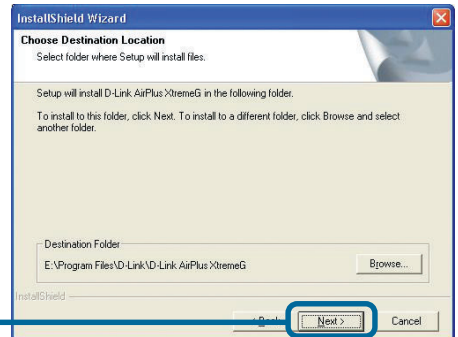
Type "D:\Setup.exe."

⚠️ **The letter "D" represents the letter of the CD-ROM drive. Your CD-ROM drive may be a different drive letter.**
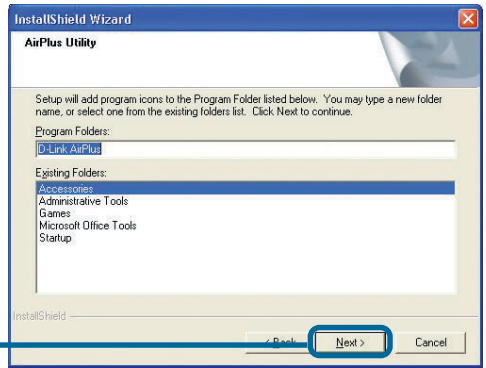
Click OK

Click Next
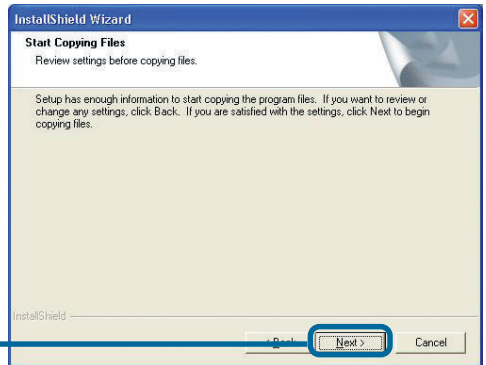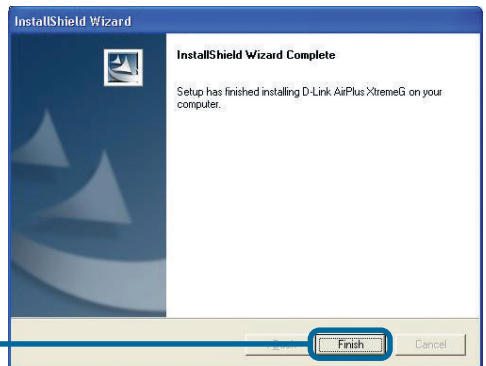
Click Next

InstallShield Wizard

AirPlus Utility

Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing folders list. Click Next to continue.

Program Folders:

D-Link AirPlus

Existing Folders:

Accessories
Administrative Tools
Games
Microsoft Office Tools
Startup

InstallShield

< Back | Next > | Cancel

Click Next

InstallShield Wizard

Start Copying Files

Review settings before copying files.

Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.

InstallShield

< Back | Next > | Cancel

Click Next

InstallShield Wizard

InstallShield Wizard Complete

Setup has finished installing D-Link AirPlus XtremeG on your computer.

< Back | Finish | Cancel

Click Finish

Shut down your computer

2 Installing the DWL-G650 Wireless Cardbus Adapter in Your Computer

A. **Make sure to turn off the laptop computer.**

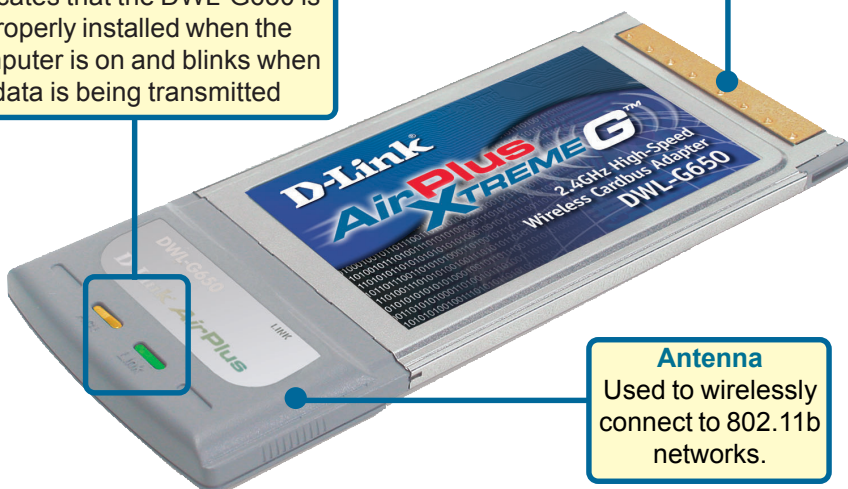**B.** Locate the Cardbus slot on your laptop computer.

C. Gently insert the DWL-G650 into the Cardbus slot in your laptop computer (as shown.)

32-bit connector
This is the connector that fits into the Cardbus slot of your laptop.

Link/Activity LED
Indicates that the DWL-G650 is properly installed when the computer is on and blinks when data is being transmitted

Antenna
Used to wirelessly connect to 802.11b networks.

3 Restart Your Computer

When you restart your computer this **Found New Hardware Wizard** **(Windows XP)** screen will appear:
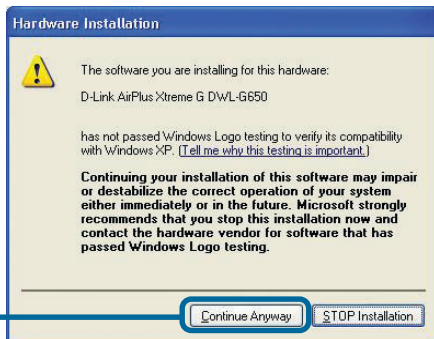
Select Install the software automatically (Recommended)

Click Next

⚠ For Windows XP: This **Hardware Installation** alert screen may appear after the desktop computer restarts.

Click Continue Anyway to finalize the installation

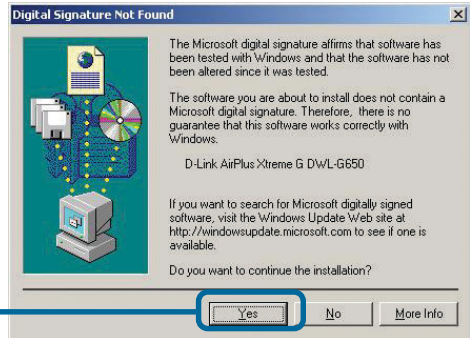**Click Finish** to finalize the installation.

5

③ Continued...

Digital Signature Not Found

The Microsoft digital signature affirms that software has been tested with Windows and that the software has not been altered since it was tested.

The software you are about to install does not contain a Microsoft digital signature. Therefore, there is no guarantee that this software works correctly with Windows.

D-Link AirPlus Xtreme G DWL-G650

If you want to search for Microsoft digitally signed software, visit the Windows Update Web site at http://windowsupdate.microsoft.com to see if one is available.

Do you want to continue the installation?

[Yes]   [No]   [More Info]

Click Yes to finalize the installation.

⚠ The D-Link driver software for this device is undergoing Windows Logo testing. Microsoft certification is pending.
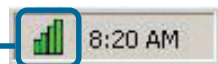
④ Your Installation is Complete!

After you've continued in Windows XP, 2000, ME, or 98SE, the D-Link *Air*Exteme DWL-G650 **Configuration Utility** will automatically start and the utility icon will appear in the bottom right hand corner of the desktop screen (systray). **If this icon appears GREEN, then you have successfully installed the DWL-G650, are connected to a wireless network and are ready to communicate!**

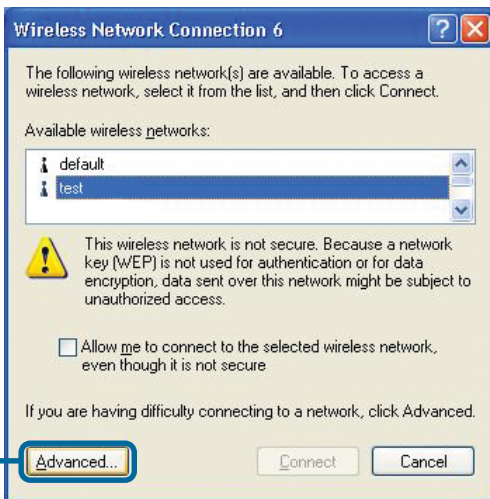**If the utility icon does not appear, double-click the shortcut icon that has appeared on your desktop.**

D-Link AirPlus XtremeG Wireless Utility Utility

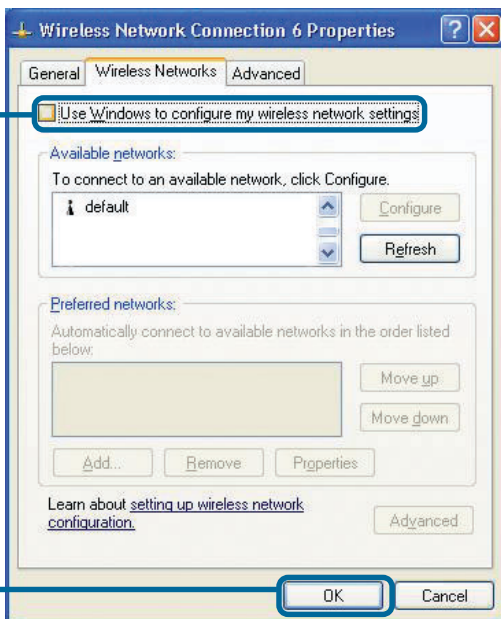**Double-click the utility icon to use the configuration utility.**

8:20 AM

Appendix

For Windows XP, if you wish to use the Xtreme G utility, please do the following steps.

Click the XP Networking icon to use the Zero Configuration Wireless Settings.

9:15 AM

Wireless Network Connection 6

The following wireless network(s) are available. To access a wireless network, select it from the list, and then click Connect.

Available wireless networks:

- default
- test

⚠ This wireless network is not secure. Because a network key (WEP) is not used for authentication or for data encryption, data sent over this network might be subject to unauthorized access.

☐ Allow me to connect to the selected wireless network, even though it is not secure

If you are having difficulty connecting to a network, click Advanced.

Click Advanced

Advanced...   Connect   Cancel

Wireless Network Connection 6 Properties

General | Wireless Networks | Advanced

Uncheck "Use Windows to configure my wireless network settings.

☐ Use Windows to configure my wireless network settings

Available networks:

To connect to an available network, click Configure.

- default

Configure
Refresh

Preferred networks:

Automatically connect to available networks in the order listed below:

Move up
Move down

Add...   Remove   Properties

Learn about setting up wireless network configuration.
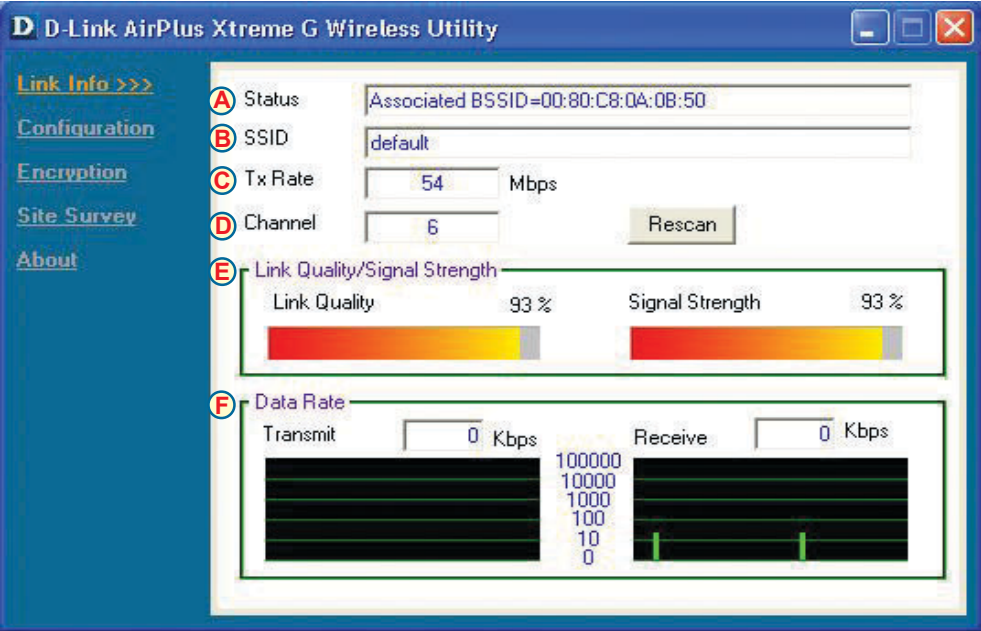
Advanced

Click OK

OK   Cancel

7

Appendix (Continued)

Using the Configuration Utility

A. Status: Displays the MAC Address of the Access Point that is associated with the DWL-G650.

B. SSID: The Service Set Identifier is the name assigned to the wireless network. The factory SSID setting is set to **default**.

C. TxRate: The default setting is **Auto**; meaning, TxRate settings are automatically determined by the DWL-G650 depending on the distance from the access point.

D. Channel: Displays the channel information. By default, the channel is set to 6 and selection is automatically determined by the DWL-G650.

E. Link Quality / Signal Strength: Displays the Link Quality for the DWL-G650 wireless connection to the access point. The Signal Strength represents the wireless signal between the access point and the DWL-G650. The percentage coincides with the graphical bar.

F. Data Rate: Graphically displays the statistics of data transmitted and received.

G. SSID: The Service Set Identifier is the name assigned to the wireless network. The factory SSID setting is set to **default**. Make changes here to match the SSID on existing Wireless Router or Access Point.

H. Wireless Mode: The factory setting is set to **Infrastructure**. Ad-Hoc mode is used for peer-to-peer networking.

I. Channel: By default, the channel is set to **6**. Channel selection is automatically determined by the DWL-G650 depending on the channel setting of the access point selected for association. To change the channel settings, the **Wireless Mode** must be set to **Ad-hoc**.

D-Link AirPlus Xtreme G Wireless Utility

Link Info.

Configuration >>>

Encryption

SiteSurvey

About

G SSID | default

H Wireless Mode | Infrastructure

I Channel | 8

J Tx Rate | Auto

K Power Mode | Continuous Access Mode

Apply   Cancel

J. TxRate: You can adjust the transmission rate to get the best signal possible depending on your usage and your environment.

K. Power Mode: By default, Power Mode is set to Continuous Access Mode. **Continuous Access Mode** — this default setting consumes the most power. **Maximum Power Save** — this setting consumes the least power. **Power Save** — this setting consumes a moderate amount of power.
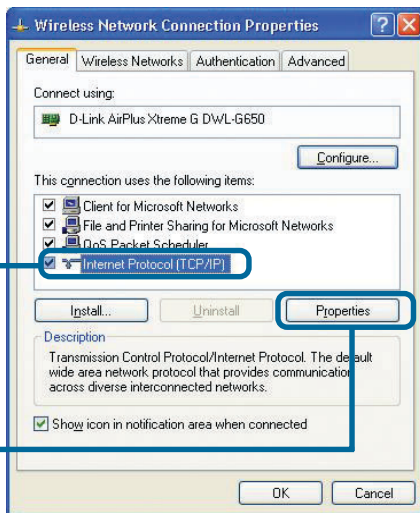
IP Address Configuration

To connect to a network**, make sure the proper network settings are configured for DWL-G650.**

For **Microsoft Windows XP:**

Go to **Start** > **right click** on **My Network Places** > select **Properties** > **Double-click** on the **Network Connection** associated with the DWL-G650.
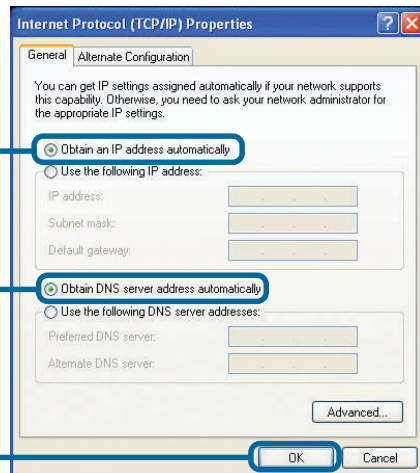
Click **Internet Protocol (TCP/IP)**

Click **Properties**

Dynamic IP address setup

Used when a DHCP server is available on the local network. (i.e. Router)

Select **Obtain an IP address automatically** (if the Wireless Router or Access Point has DHCP server enabled)

Select **Obtain DNS server address automatically**
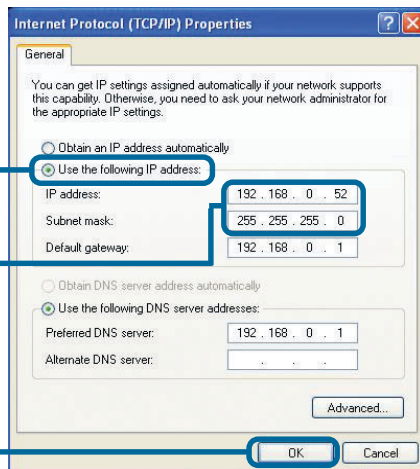
Click **OK**

Static IP address setup

Used when a DHCP server is not available on the local network.

Select **Use the following IP address**

IP address: 192.168.0.52
Subnet mask: 255.255.255.0

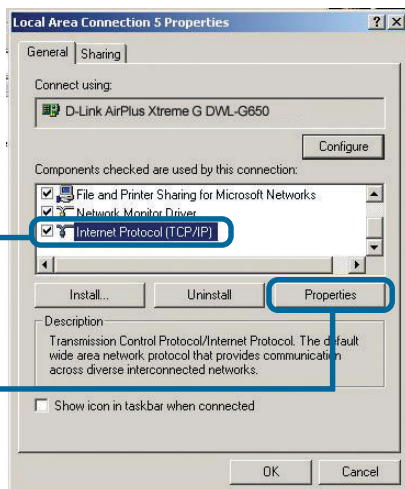Input a static IP address in the same range as the Wireless Router or Access Point.

Click **OK**

For Windows 2000 users:

Go to Start > Settings > Network and Dial-up Connections > Double-click on the **Local Area Connection** associated with the DWL-G650 > select **Properties**

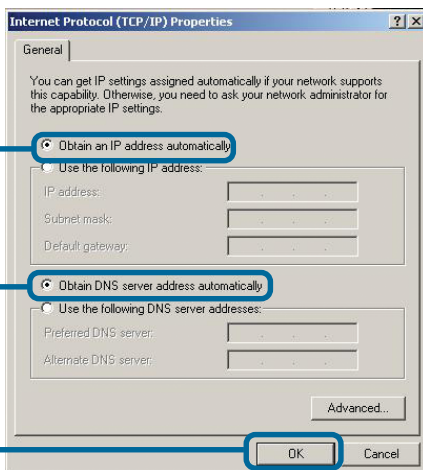**Click Internet Protocol (TCP/IP)**

Click Properties

Dynamic IP address setup

Used when a DHCP server is available on the local network. (i.e. Router)

Select Obtain an IP address automatically (if the Wireless Router or Access Point has DHCP server enabled)

Select Obtain DNS server address automatically

Click OK
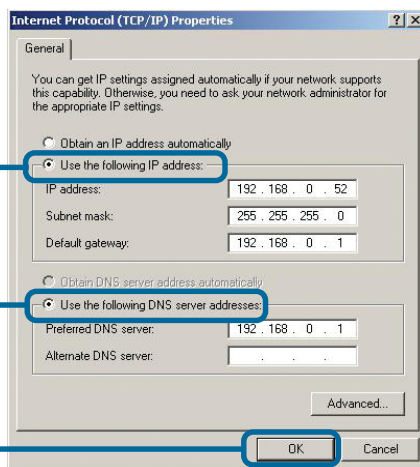
Static IP address setup

Used when a DHCP server is not available on the local network.

Select Use the following IP address

IP address: 192.168.0.52
Subnet mask: 255.255.255.0

Input a static IP address in the same range as the Wireless Router or Access Point.

Click OK

Technical Support

You can find software updates and user documentation on the D-Link website.

D-Link provides free technical support for customers within the United States and within Canada for the duration of the warranty period on this product.

U.S. and Canadian customers can contact D-Link technical support through our website, or by phone.

Tech Support for customers within the United States:

D-Link Technical Support over the Telephone:
(877) 453-5465
24 hours a day, seven days a week.

D-Link Technical Support over the Internet:
http://support.dlink.com
email:support@dlink.com

Tech Support for customers within Canada:

D-Link Technical Support over the Telephone:
(800) 361-5265
Monday to Friday 8:30am to 9:00pm EST

D-Link Technical Support over the Internet:
http://support.dlink.ca
email:support@dlink.ca

D-Link®

Building Networks for People