D-Link

Quick Installation Guide

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

DWL-G122

AirPlus™ G 802.11g
USB Wireless Adapter

Before You Begin

You must have at least the following:

- You will need a computer with an available USB port to connect the DWL-G122 Wireless USB adapter.
- At least a 300 MHz processor and 32 MB of memory
- An 802.11b/g Access Point (for Infrastructure Mode) or another 802.11b/g wireless adapter (for Ad-Hoc; Peer-to-Peer networking mode.)
- Properly installed and working USB Controller.

Check Your Package Contents

These are the items included with your DWL-G122 purchase:

DWL-G122 802.11g Wireless USB Adapter

CD-ROM (containing Drivers, Manual and Warranty)

USB Extension Cable

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

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

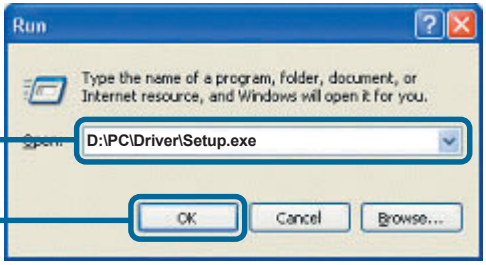
Turn on the computer and **Insert** the **D- Link *Air*Plus™ G DWL-G122 Driver CD** in the CD-ROM drive.

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-G122 USB Adapter into your computer before installing the driver software on the D-Link CD!

Click Install Driver

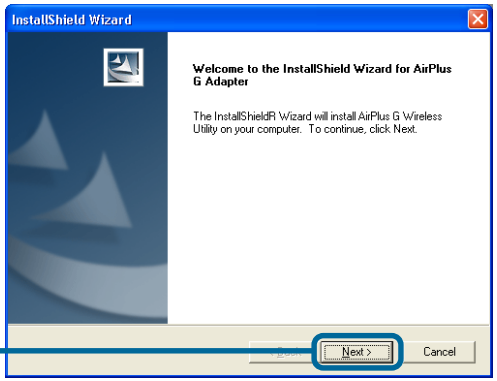
If the CD Autorun function does not automatically Go to **Start** > **Run** on your computer, then type "**D:\PC\Driver\Setup.exe**." If it does start, proceed to the next screen.



Type "D:\Driver\Setup.exe."

Click OK

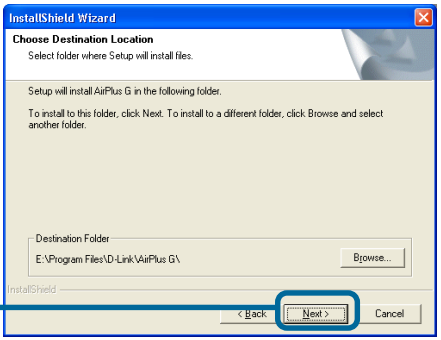
The letter "D" represents the letter of the CD-ROM drive. Your CD-ROM drive may be a different drive letter.



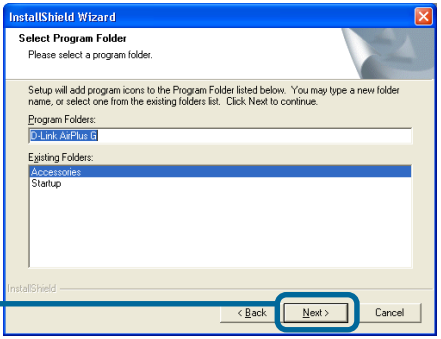
Click Next

1 Insert the D-Link CD-ROM Into Your Computer (cont.)

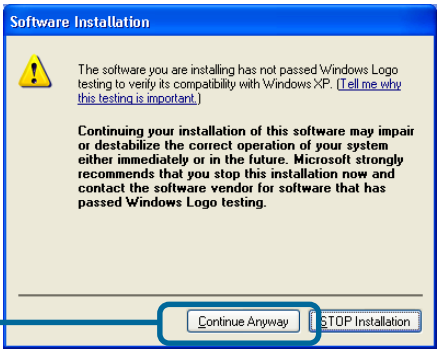
Click **Next**



Click **Next**

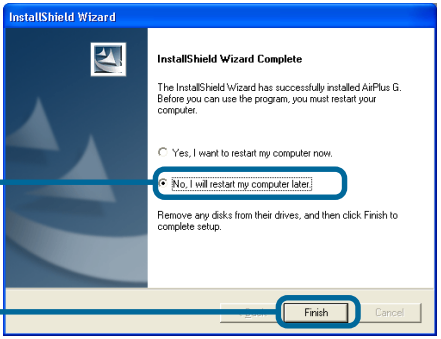


Click **Continue Anyways**



Click **No, I will restart my computer later**

Click **Finish**



Shut down Your Computer

Product Overview

Link/Power LED
Link - Blinks when data is being transmitted through the wireless connection.
Power - Indicates that the DWL-G122 is properly installed in the computer.

USB Connector (Not Shown)
Connects to your desktop or laptop computer.

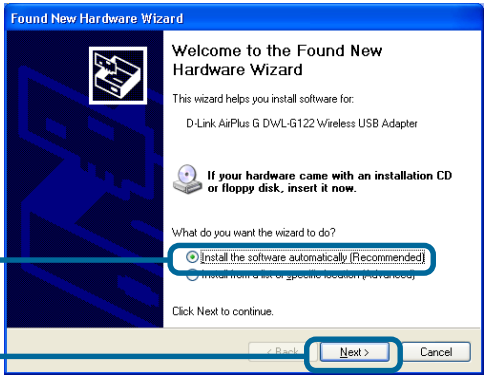
Antenna
Used to wirelessly connect to 802.11b networks.

2 Installing the DWL-G122 Wireless USB Adapter to Your Computer

Plug the DWL-G122 into your USB Port.

3 Turn on Your Computer

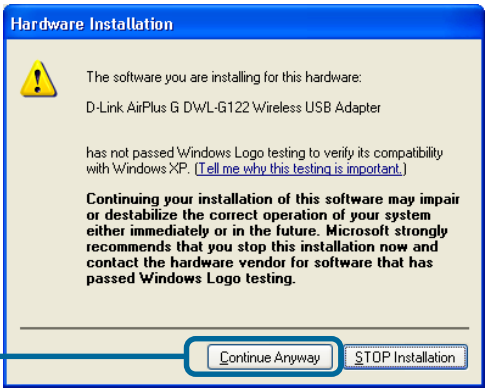
When you restart your computer this **Found New Hardware Wizard** **(Windows XP)** screen will appear:



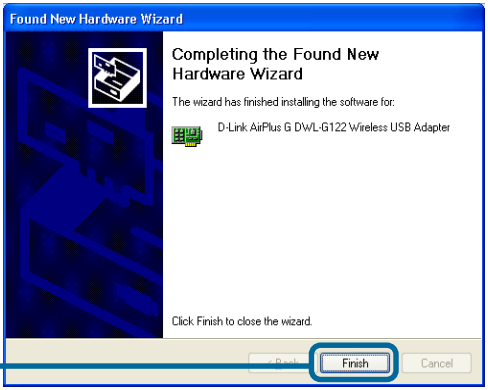
Select Install the software automatically (Recommended)

Click Next

A screen similar to this **Digital Signature Not Found** screen may appear during the installation.



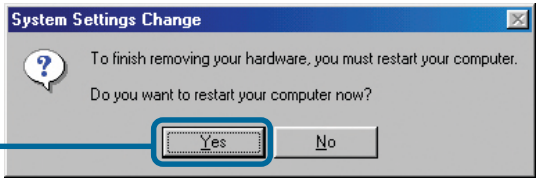
Click Continue Anyways



Click Finish

For Windows Me and 98SE, this screen may appear.

Click Yes to finalize the installation



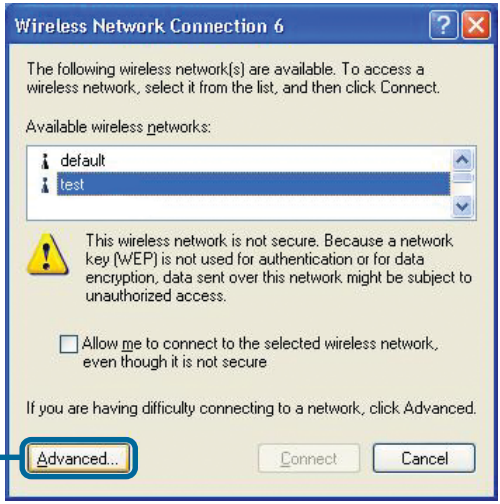
4 Your Installation is Complete!

After you've continued in Windows XP (or after the computer restarts in the other Windows operating systems), the D-Link *Air* Plus™ G DWL-G122 **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-G122, are connected to a wireless network and are ready to communicate!**

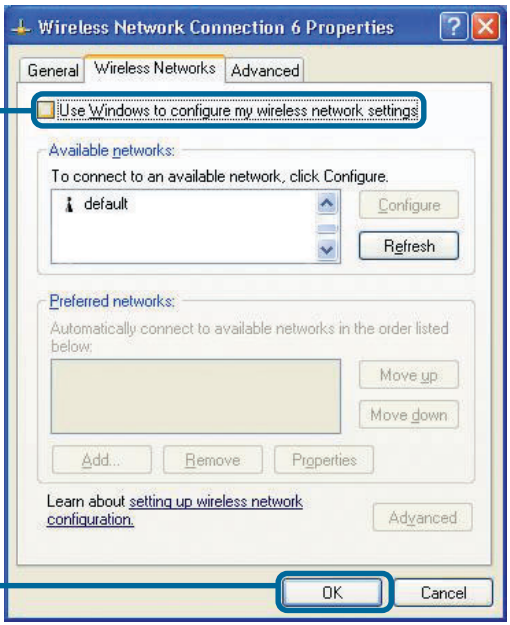
For Windows XP, if you wish to use the ***Air*Plus USB Utility**, please perform the following steps.

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

4 Your Installation is Complete! (Cont.)



Click Advanced



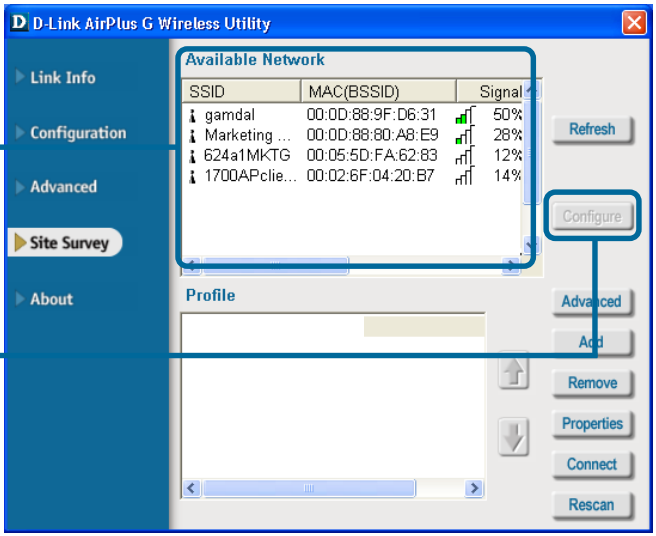
Uncheck "Use Windows to configure my wireless network settings."

Click OK

5 Connecting to a Wireless Network

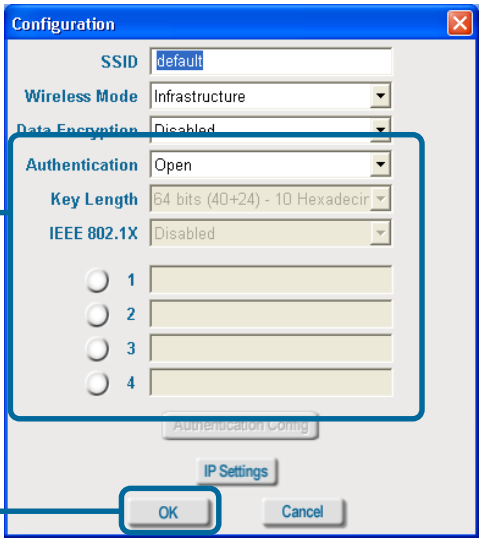
This window displays the available wireless networks.

Click **Configure** after highlighting a wireless network you want to connect to.

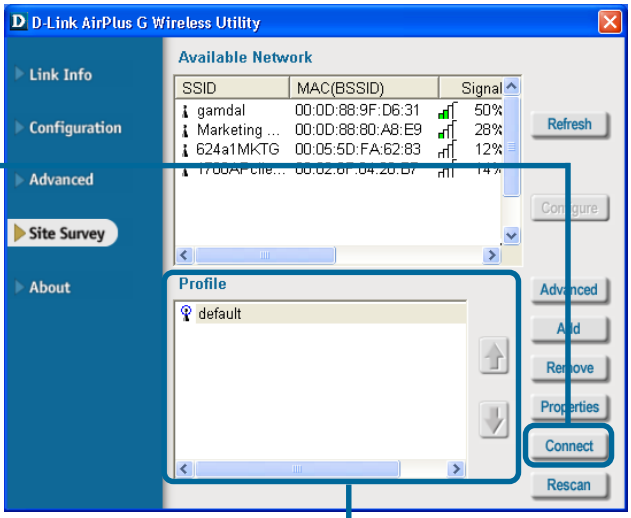


By initial factory settings, WEP encryption is turned off. If your access point or wireless router is configured with WEP encryption, please make sure to enter the correct WEP key.

Click **OK**



5 Connecting to a Wireless Network (cont.)



Click **Connect**

Finished! You should now be connected to your wireless network! Now you are ready to participate in your new wireless environment!

The configured access point or wireless router will be displayed in the bottom window. If you have more than one profile, select the profile you wish to connect to.

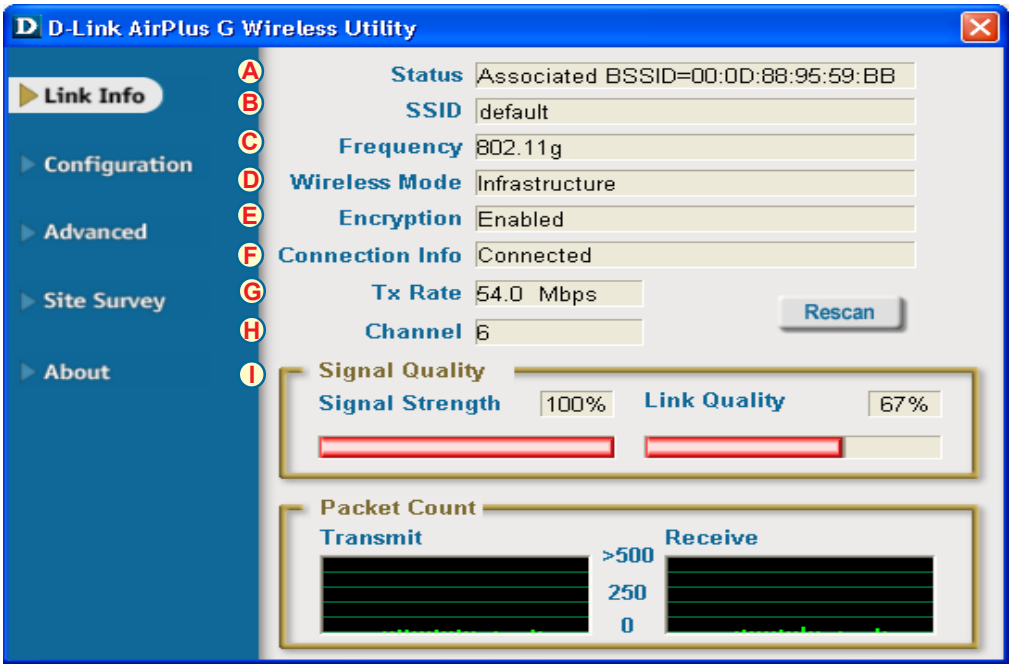
Appendix B - Link Info
Using the Configuration Utility
For Windows Operating Systems

A. Status: Displays the MAC Address of the Access Point that is associated with the DWL-G122.

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

C. Frequency: Displays the current frequency used by the adapter.

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



E. Encryption: Displays the current encryption status of the wireless connection.

F. Connection Info: Displays your current Connection State.

G. TxRate: TxRate settings are automatically determined by the DWL-G122 depending on the distance from the access point.

H. Channel: Displays the channel information. By default, the channel is set to 6. Please note that the DWL-G122 will automatically adjust channel depending on the Access Point.

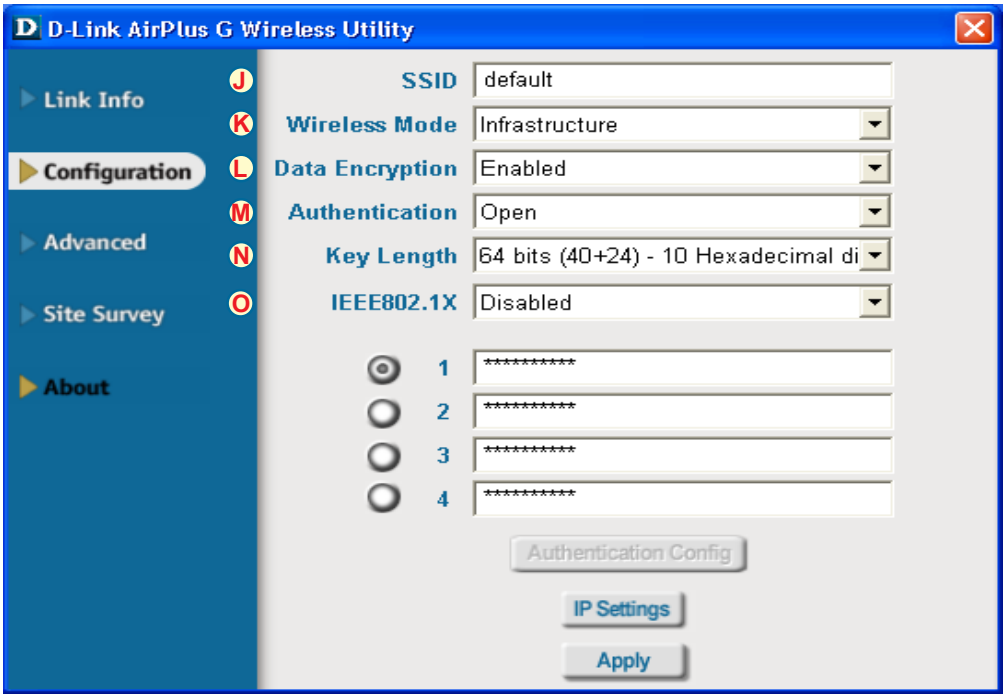
I. Signal Strength / Link Quality: Represents the wireless signal quality and strength between the access point and the DWL-G122. The percentage coincides with the graphical bar.

Appendix B (cont.)
Configuration

J. 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.

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

L. Data Encryption: The default setting is set to **Disabled**. The adapter supports WEP when encryption is enabled.



M. Authentication: You can specify the authentication mode for the wireless network. The default setting is set to **Open Authentication**.

N. Key Length: When encryption is enabled, you will have the option to specify the level and key format of the encryption used. Select the appropriate Key Index : 1-4 and enter ACSII or hexadecimal digits in the appropriate field.

O. IEEE802.1X: When encryption is enabled, you will have the option to specify if you wish to use 802.1X authentication.

Please refer to the manual on your driver CD for more in depth information.

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

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http://support.dlink.ca
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