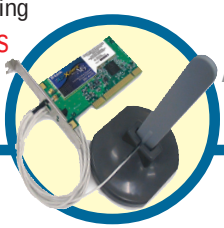
D-Link
Quick Installation Guide

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



DWL-AG520
Air Xpert™ Tri-Mode Dualband Wireless PCI Adapter

Before You Begin

You must have at least the following:

- A desktop computer with an available PCI 2.2, 32-bit, 3.3 volt PCI slot
- At least a 500 MHz processor and 128MB of memory
- An 802.11a, 802.11b or 802.11g Access Point (for Infrastructure Mode) or another 802.11a, 802.11b, or 802.11g wireless adapter (for Ad-Hoc; Peer-to-Peer networking mode.)

Check Your Package Contents

These are the items included with your DWL-AG520 purchase:

DWL-AG520 Air Xpert Tri-Mode Dualband Wireless PCI 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 Into Your Desktop PC

Turn on the computer and **Insert** the **D- Link Air Xpert DWL-AG520 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-AG520 Wireless PCI Adapter into your computer before installing the driver software from the D-Link CD!

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Part No. IG-BDWLAG520

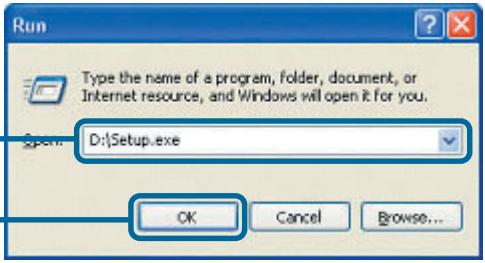
1 Continued...

The Install Screen will appear.

Click Install Drivers

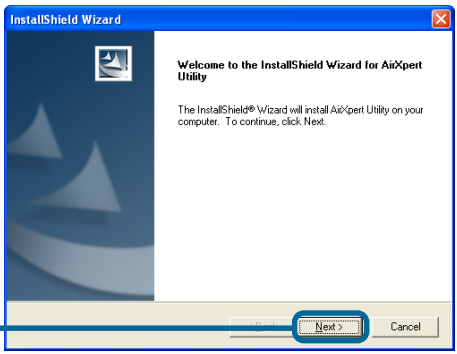
If the CD Autorun function does not automatically start on your computer , go to **Start** > **Run** and type "D:\Setup.exe." If it does start, proceed to the next screen.

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



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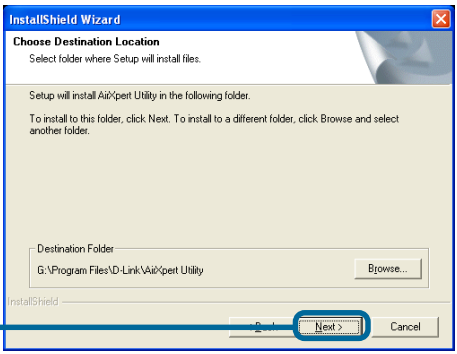

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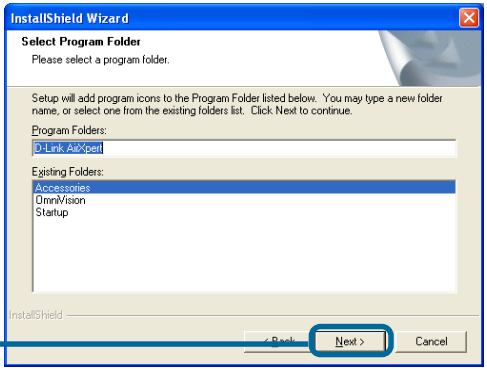

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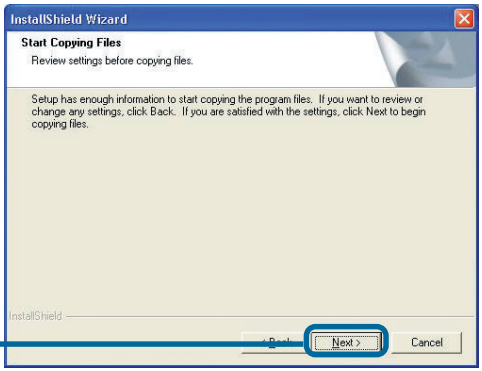

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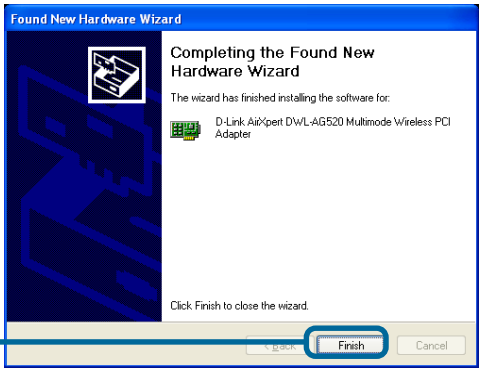
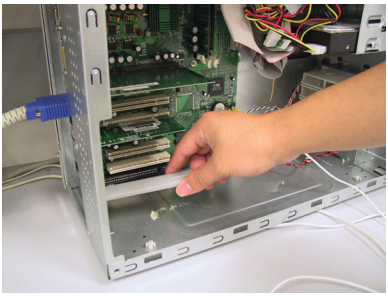


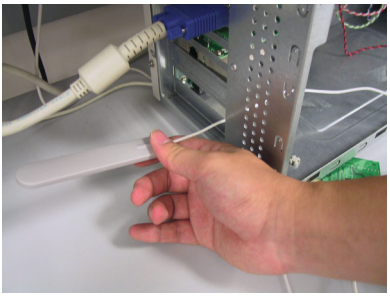
Click Finish

Shut down your computer

2 Installing the DWL-AG520 Wireless PCI Adapter in Your Computer

A. Make sure to turn off your computer and unplug the power cord before you begin. Remove the back or side cover of the computer.

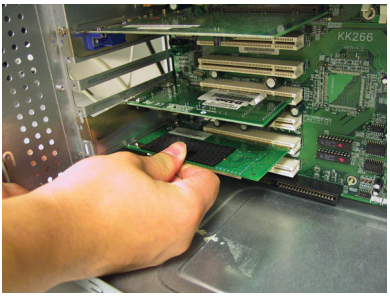




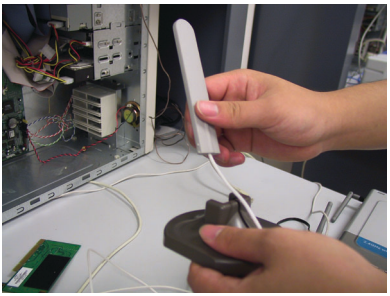
B. Carefully guide the DWL-AG520's antenna through the PCI bracket opening adjacent to the PCI slot you intend to use for the DWL-AB520.

C. Install the DWL-AG520 carefully, and firmly set it into the available PCI slot (which is typically white or cream-colored).

D. Secure the DWL-AG520's back panel bracket with its mounting screw.



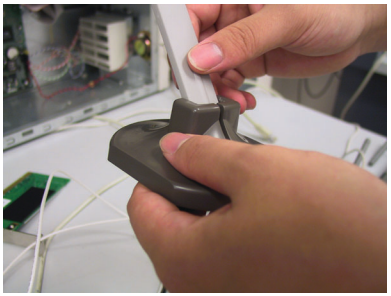
E. Replace the computer's cover.



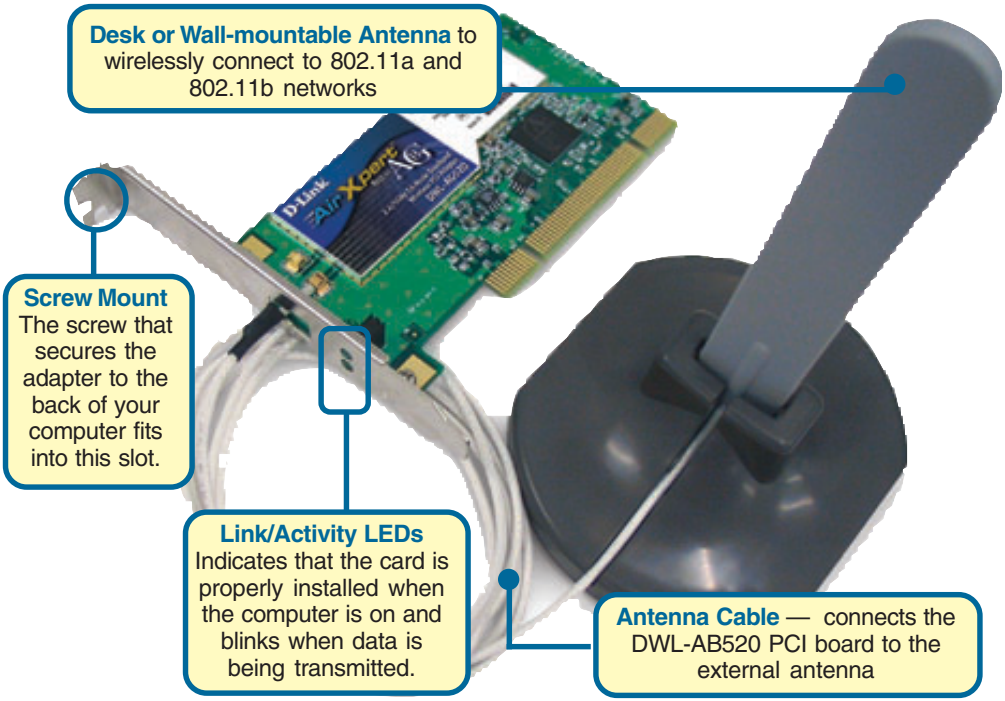
To avoid damage caused by static electricity, make sure to properly ground yourself by first touching a metal part of your computer to discharge any static electricity before working with the DWL-AG520.

2 Installing the DWL-AG520 Wireless PCI Adapter in Your Computer (cont.)

F. Gently connect the antenna to the antenna stand.



G. Finished!



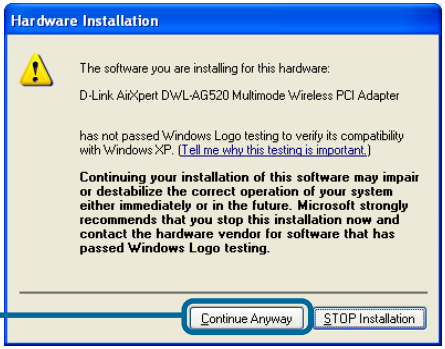
3 Restart Your Computer

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

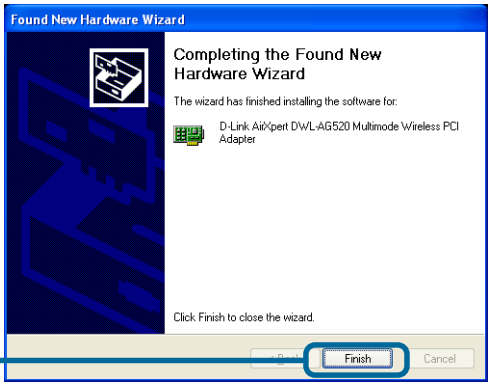
Select Install the software automatically (Recommended)

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.

3 Continued...

For Windows 2000, this **Digital Signature Not Found** screen may appear after your computer restarts.

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 2000, Me, or 98SE, the D-Link *Air* Xpert DWL-AG520 **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-AG520, are connected to a wireless network and are ready to communicate!**

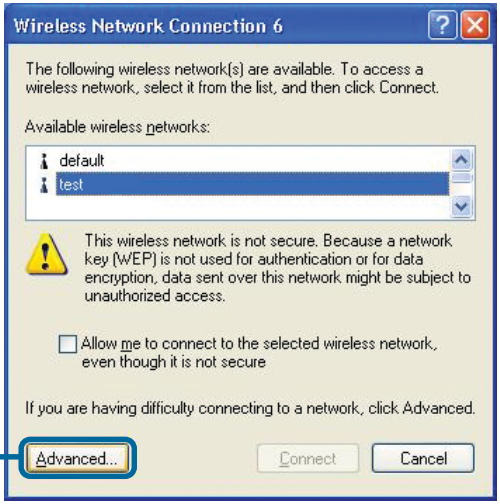
If the utility icon does not appear, double-click the shortcut icon that has appeared on your desktop.

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

Appendix

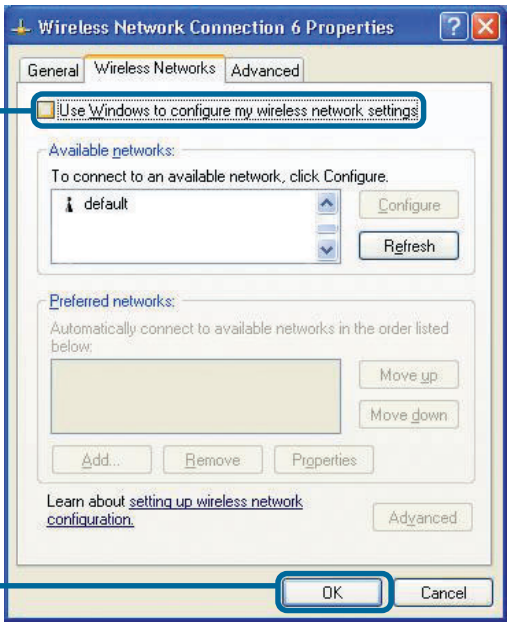
For Windows XP, if you wish to use the AirXpert utility, please do the following steps.

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



Click Advanced

Uncheck "Use Windows to configure my wireless network settings.



Click OK

Appendix (Continued)

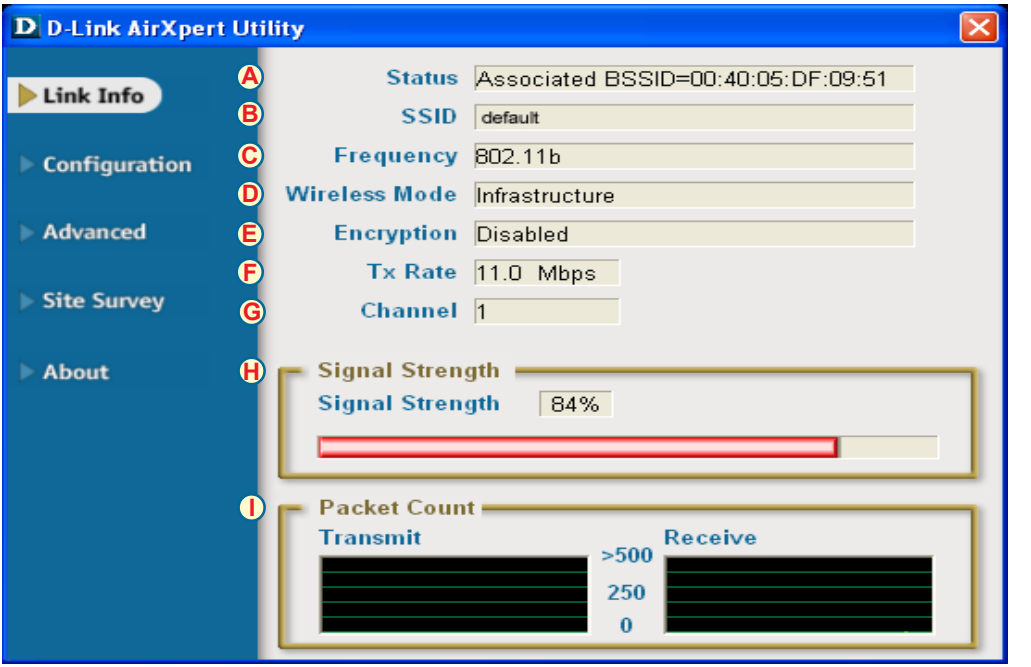
Using the Configuration Utility

A. Status: Displays the MAC Address of the Access Point that is associated with the DWL-AG520.

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. TxRate: The default setting is **Auto**; meaning, TxRate settings are automatically determined by the DWL-AG520 depending on the distance from the access point.

G. Channel: Displays the channel information. By default, the channel is set to 6. Please note that the DWL-AG520 will automatically adjust channel depending on the Access Point.

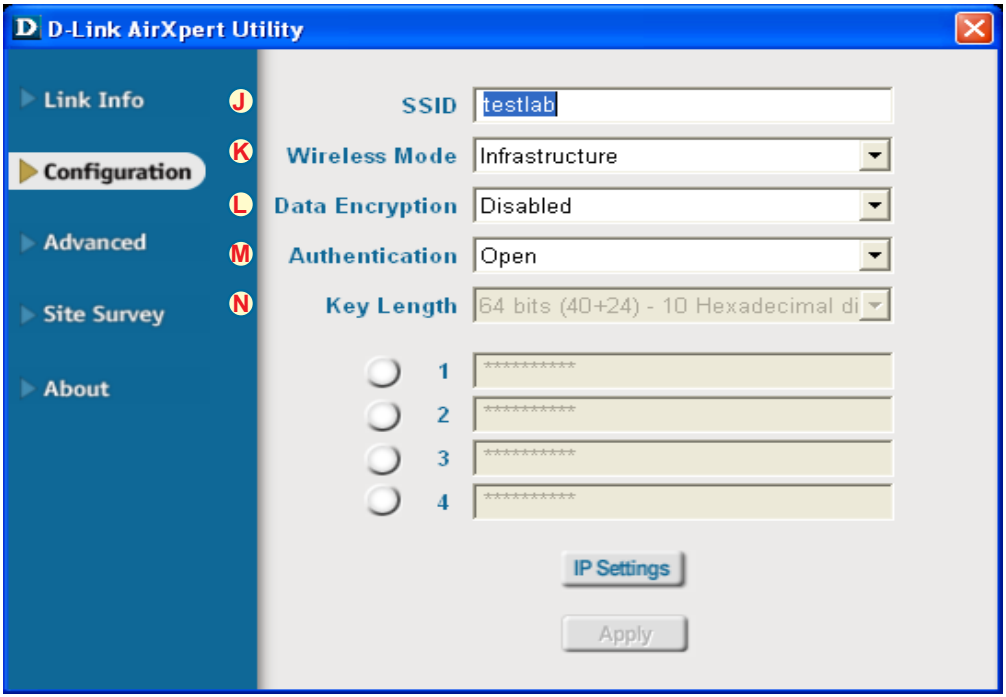
I. Packet Count: Graphically displays the statistics of data transmitted and received.

H. Signal Strength: Displays the Link Quality for the DWL-AG520 wireless connection to the access point. The Signal Strength represents the wireless signal between the access point and the DWL-AG520. The percentage coincides with the graphical bar.

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 and AES 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.

Notes

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

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