D-Link®
Quick Installation Guide

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

DWL-AG660
*Air*Premier™ AG Dualband Wireless Cardbus Adapter

Before You Begin

You must have at least the following:

- A laptop/notebook computer with an available 32-bit cardbus slot
- At least a 500MHz processor and 128MB of memory
- Cardbus controller properly installed and working in the laptop computer
- 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-AG660 purchase:

DWL-AG660 *Air*Premier™ AG Dualband 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 Into Your Laptop PC

Turn on the computer and **Insert** the **DWL-AG660 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 other Windows operating systems.

⚠ Do **NOT** install the **DWL-AG660 Cardbus Adapter into your computer before installing the driver software from the D-Link CD!**

Continued...

The Install Screen will appear.

Click Install Driver

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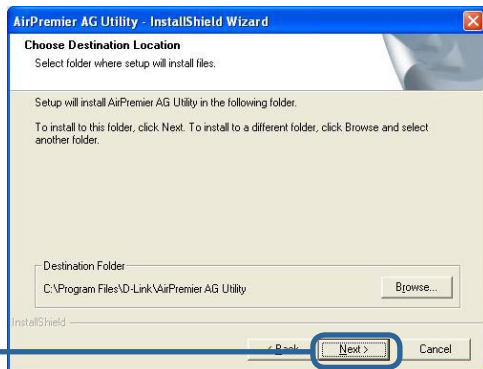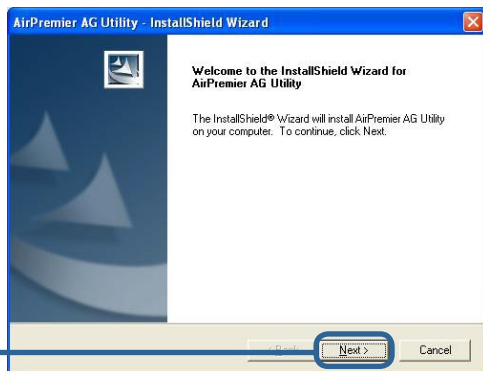
Type "D:\driver\setup.exe."

⚠ **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

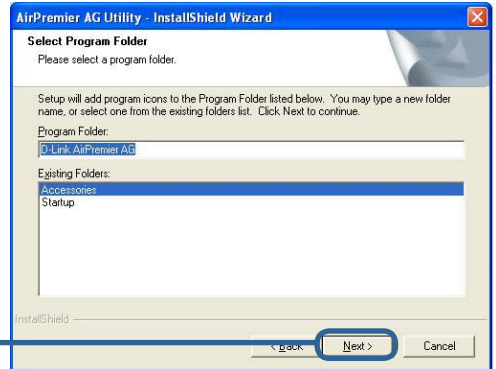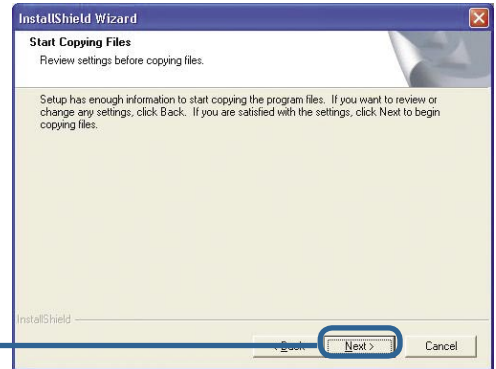**Click Next**

① Continued...

Select Program Folder
Please select a program folder.

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 Folder:
D-Link AirPremier AG

Existing Folders:
Accessories
Startup

Click Next

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.

Click Next

InstallShield Wizard Complete

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

Click Finish

Shut down your computer

3

2 Installing the DWL-AG660 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-AG660 into the Cardbus slot in your laptop computer (as shown.)

Link/Activity LED
Indicates that the DWL-AG660 is properly installed when the computer is on and blinks when data is being transmitted

32-bit connector
This is the connector that fits into the Cardbus slot of your laptop.
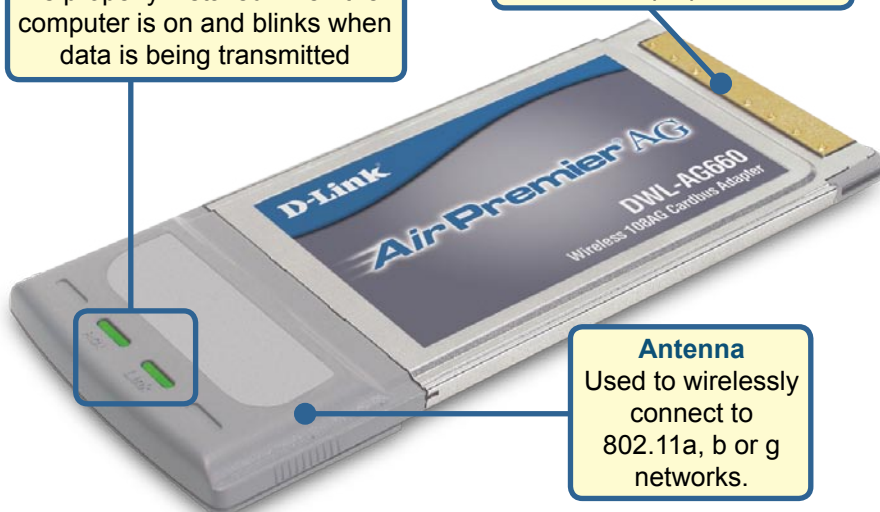
Antenna
Used to wirelessly connect to 802.11a, b or g networks.

3 Restart Your Computer

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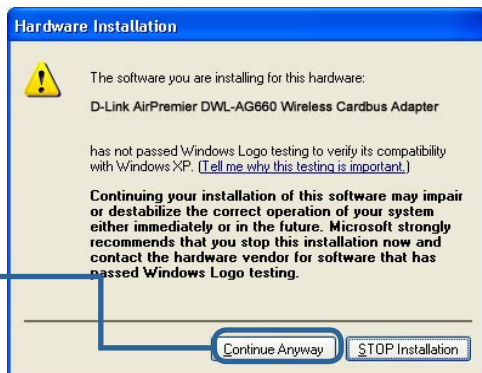
Select Install the software automatically (Recommended)

Click Next

Found New Hardware Wizard

Welcome to the Found New Hardware Wizard

This wizard helps you install software for:

Network Controller

If your hardware came with an installation CD or floppy disk, insert it now.

What do you want the wizard to do?

○ Install the software automatically (Recommended)
○ Install from a list or specific location (Advanced)

Click Next to continue.

[Next >] [Cancel]

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

Click Continue Anyway to finalize the installation

Hardware Installation

⚠ The software you are installing for this hardware:

D-Link AirPremier DWL-AG660 Wireless Cardbus Adapter

has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)

Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

[Continue Anyway] [STOP Installation]

⚠ **The D-Link driver software for this device is undergoing Windows Logo testing. Microsoft certification is pending.**

Found New Hardware Wizard

Completing the Found New Hardware Wizard

The wizard has finished installing the software for:

D-Link AirXpert DWL-AG650 Wireless Cardbus Adapter

Click Finish to close the wizard.

[Finish] [Cancel]

Click Finish to finalize the installation.

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 AirXpert DWL-AG650 Wireless Cardbus Adapter

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.
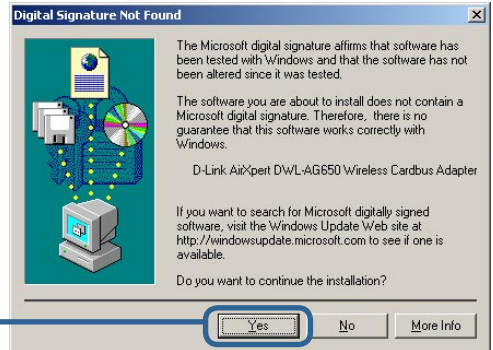
⚠ **The D-Link driver software for this device is undergoing Windows Logo testing. Microsoft certification is pending.**

Your Installation is Complete!

After you have finished the installation in Windows XP, 2000, Me, or 98SE, the D-Link *Air*Premier™ DWL-AG660 **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-AG660, are connected to a wireless network and are ready to communicate!**

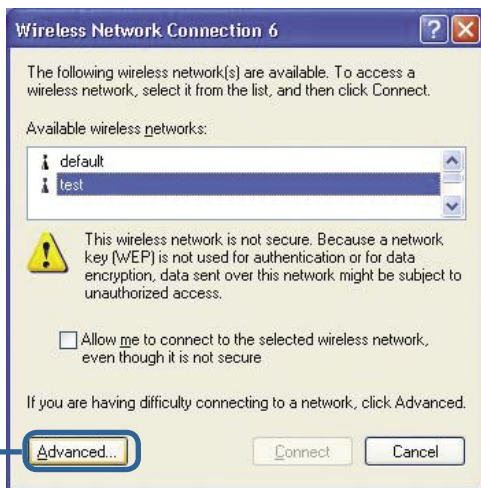**If the utility icon does not appear, double-click the shortcut icon that has appeared on your desktop.**

AirXpert Configuration Utility

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

8:20 AM
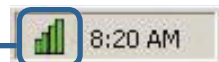
Appendix

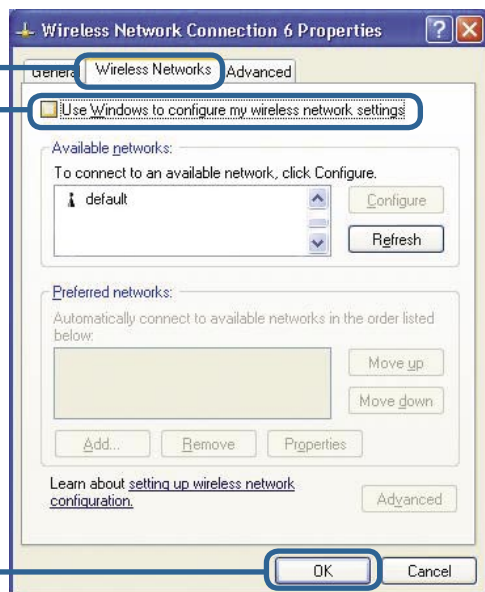For Windows XP, if you wish to use the *Air*Premier™ utility, please do the following steps.

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

Click Wireless Networks

Wireless Network Connection 6 Properties

General | Wireless Networks | Advanced

☐ Use Windows to configure my wireless network settings

Available networks:

To connect to an available network, click Configure.

- default

Configure
Refresh

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

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

Appendix (Continued)
Using the Configuration Utility

A. Status: Displays the MAC address of the access point that is associated with the DWL-AG660.

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 current connection to the access point.

D. Wireless Mode: The factory setting is set to **Infrastructure**. Ad-Hoc mode is used for Peer-to-Peer networking.
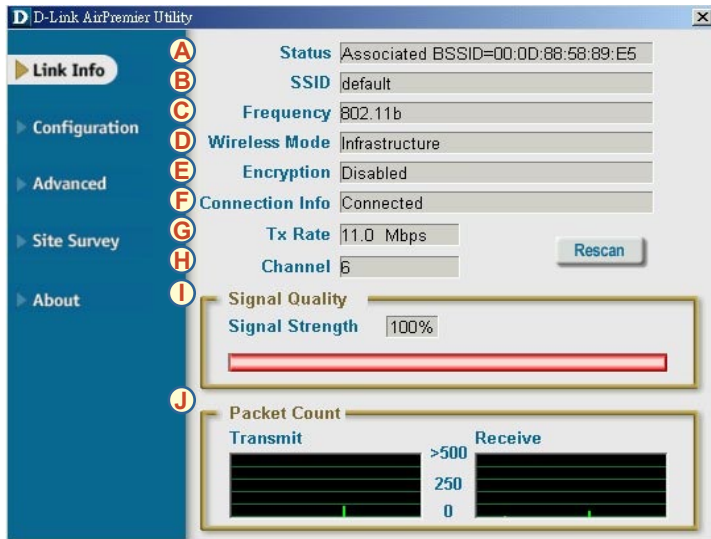
E. Encryption: Displays the current encryption status of the wireless connection.

F. Connection Info: Displays connected or authenticated information.

G. Tx Rate: The default setting is **Auto**; meaning, Tx Rate settings are automatically determined by the DWL-AG660 depending on the distance from the access point.

H. Channel: Displays the channel information. By default, the channel is set to 6 and selection is automatically determined by the wireless access point or router.

I. Link Quality / Signal Strength: Displays the Link Quality for the DWL-AG660 wireless connection to the access point. The Signal Strength represents the wireless signal between the access point and the DWL-AG660. The percentage coincides with the graphical bar.

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

k. 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.

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

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

N. Data Encryption: The default setting is set to Disable. The adapter supports WEP and AES when encryption is enabled.

O. 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.

P. IEEE 802.1X: When encryption is enabled, you will have the option to specify if you wish to use 802.1x authentication.

IP Address Configuration

To connect to a network**, make sure the proper network settings are configured for DWL-AG660.**

For **Microsoft Windows XP:**
Go to **Start** > **Right-click** on **My Network Places** > select **Properties** > Right-click and select Properties on the **Network Connection** associated with the DWL-AG660.

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
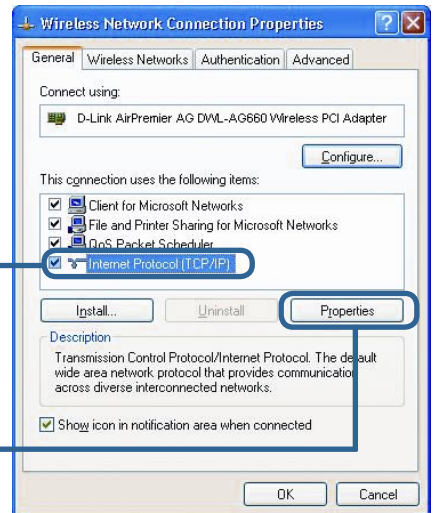
Click OK

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.
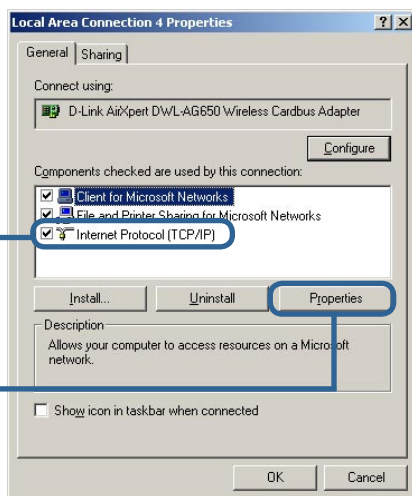
Click OK

10

For Windows 2000 users:

Go to Start > Settings > Network and Dial-up Connections > Right Click and select **Properties** on the **Local Area Connection** associated with the DWL-AG660

**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
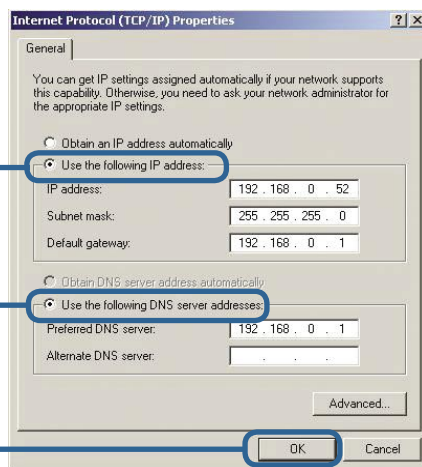
Click OK

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

11
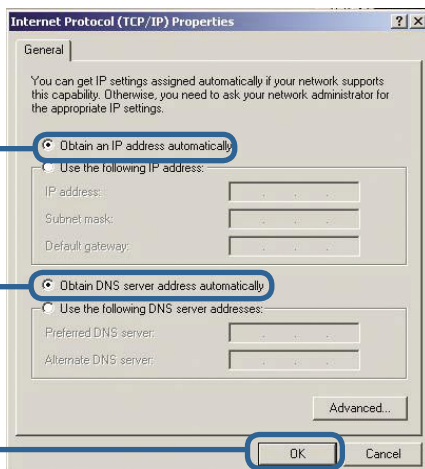
Technical Support

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

D-Link provides free technical support for customers within Canada,
the United Kingdom, and Ireland.

Customers can contact D-Link technical support through our websites,
or by phone.

For Customers within
The United Kingdom & Ireland:

D-Link UK & Ireland Technical Support over the Telephone:
08456 12 0003 (United Kingdom)
+44 8456 12 0003 (Ireland)

Monday to Friday 8:00 am to 10:00 pm GMT
Sat & Sun 10.00 am to 7.00 pm GMT

D-Link UK & Ireland Technical Support over the Internet:
http://www.dlink.co.uk
ftp://ftp.dlink.co.uk

For Customers within Canada:

D-Link Canada Technical Support over the Telephone:
1-800-361-5265 (Canada)
Monday to Friday 7:30 am to 12:00 am EST

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

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