D-Link®
Quick Installation Guide

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

DWL-G510

**AirPlus® G
Wireless PCI Adapter**

Before You Begin

You must have at least the following:

- A desktop computer with an available 32-bit PCI slot
- At least a 300 MHz processor and 32MB of memory
- 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-G510 purchase:

DWL-G510 AirPlus® G 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-ROM Into Your Computer

Turn on the computer and **Insert** the **D- Link AirPlus® G DWL-G510 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-G510 Wireless PCI Adapter into your computer before installing the driver software from the D-Link CD!**

1 Continued...

If the CD Autorun function does not automatically start on your computer, type "D:\Drivers\setup.exe." If it does start, proceed to the next screen.
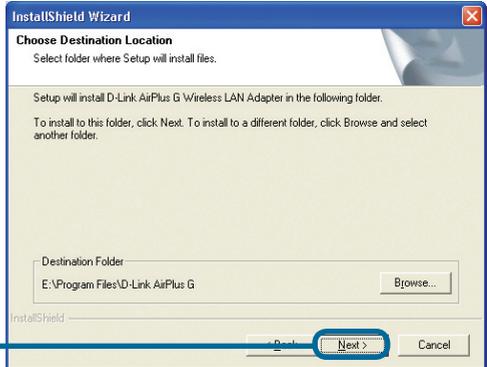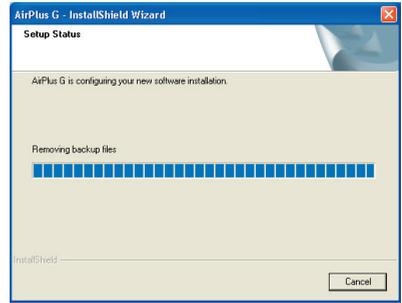
Click Install Driver

D-Link
Building Networks for People

DWL-G630 DWL-G510

AirPlusG
802.11g/2.4GHz
Wireless
Adapter

This Installer will guide you through the installation Process. You are only moments away from using your new D-Link Networking Product

Thank You for Purchasing Your D-Link Product

▶ Install Driver
▶ View Quick Installation Guide
▶ View Manual
▶ Install Acrobat Reader
▶ Visit support.dlink.com

Installer   **Exit ▶**

InstallShield Wizard

Welcome to the InstallShield Wizard for D-Link AirPlus G Wireless LAN Adapter

The InstallShield® Wizard will install D-Link AirPlus G Wireless LAN Adapter on your computer. To continue, click Next.

Click Next

Next >   Cancel

InstallShield Wizard

Choose Destination Location
Select folder where Setup will install files.

Setup will install D-Link AirPlus G Wireless LAN Adapter in the following folder.

To install to this folder, click Next. To install to a different folder, click Browse and select another folder.

Destination Folder
E:\Program Files\D-Link AirPlus G   Browse...

InstallShield

Click Next

< Back   Next >   Cancel

AirPlus G - InstallShield Wizard

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 AirPlus G

Existing Folders:
Accessories
Startup

InstallShield

Click Next

< Back   Next >   Cancel

1 **Continued...**

InstallShield Wizard

InstallShield Wizard Complete

The InstallShield Wizard has successfully installed AirPlus
Xtreme G. Before you can use the program, you must restart
your computer.

○ Yes, I want to restart my computer now.

◉ No, I will restart my computer later.

Remove any disks from their drives, and then click Finish to
complete setup.

Finish   Cancel

Click Finish

Shut down your computer

Remember to leave the DWL-G510 Driver CD in the CD-ROM drive.

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2 **Installing the DWL-G510 Wireless PCI Adapter in Your Computer**

A. **Make sure to turn off your computer and unplug the power cord.**
Remove the back cover of the computer.

B. **Install the DWL-G510 carefully** and firmly seat it into an available PCI slot
(which is usually "white" or "cream" colored).
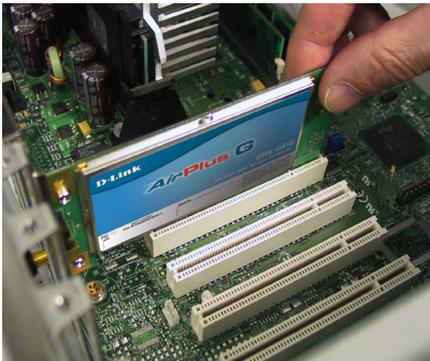
⚠ To avoid damage caused
by static electricity, make
sure to properly ground yourself
by first touching a metal part of
your computer to discharge any
static electricity before working
with the DWL-G510 Wireless PCI
Adapter.

C. Secure the DWL-G510 back panel shield with a screw.
D. Replace the computer's cover.
E. Place the computer back in its normal position.
F. Attach the DWL-G510's antenna to the socket on the back panel shield.

Screw Mount
The screw to secure the PCI Adapter to the back of your computer will fit in this slot

Antenna
Used to wirelessly connect to WiFi networks.

32-bit connector
This is the connector that fits into the PCI slot on your computer's motherboard

Back Panel Shield
Once properly installed, this panel should be at the back of your computer.

Link/Activity LED
Indicates that the DWL-G510 is properly installed when the computer is on and blinks when data is being transmitted

3 Restart Your Computer

When you restart your computer this **Found New Hardware Wizard (Windows XP)** screen may 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.

[Back] [Next >] [Cancel]

Found New Hardware Wizard

Completing the Found New Hardware Wizard

The wizard has finished installing the software for:

D-Link AirPlus G DWL-G510 Wireless PCI Adapter

Click Finish to close the wizard.

[Back] [Finish] [Cancel]

Click Finish to finalize the installation.

4 Your Installation is Complete!

After you've continued in Windows 2000, ME, or 98SE, the D-Link AirPlus® G DWL-G510 **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-G510, 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 G
Configuration
Utility

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

3:53 PM

Appendix

For Windows XP, if you wish to use the AirPlus 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

6
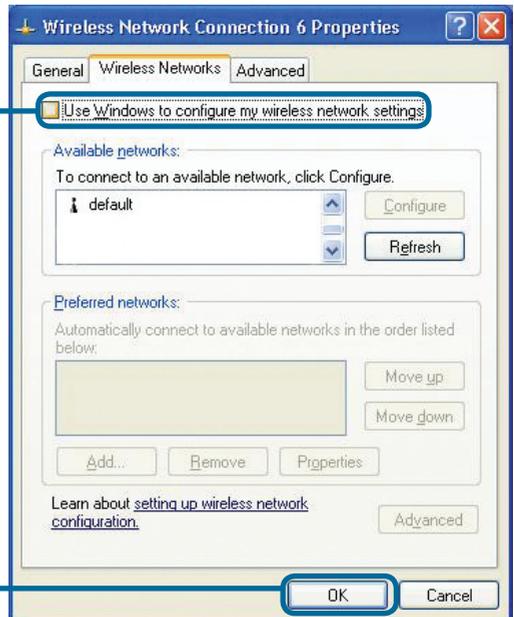
Appendix (Cont.)

Using the Configuration Utility

A. Status: Displays the MAC Address of the Access Point that is associated with the DWL-G510.

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. TxRate: The default setting is Auto; meaning, TxRate settings are automatically determined by the DWL-G510 depending on the distance from the access point.

G. Channel: Displays the channel information. By default, the channel is set to 6 and selection is automatically determined by the DWL-G510.

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

H. Signal Quality: Displays the Link Quality for the DWL-G510 wireless connection to the access point. The Signal Strength represents the wireless signal between the access point and the DWL-G510. The percentage coincides with the graphical bar.

Appendix (Cont.)

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 Disable. 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.

O. IEEE 802.1X: 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.

IP Address Configuration

To connect to a network, **make sure the proper network settings are configured for DWL-G510.**

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-G510.

Click Internet Protocol (TCP/IP)
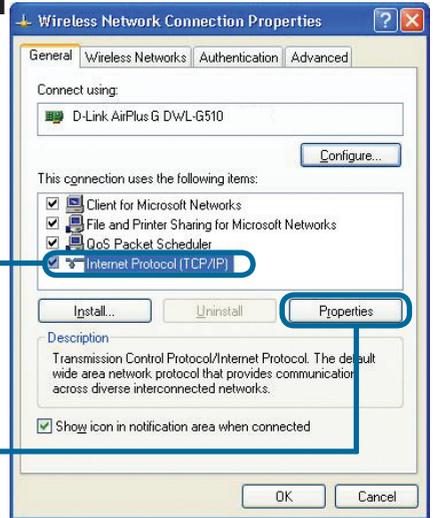
Click Properties

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
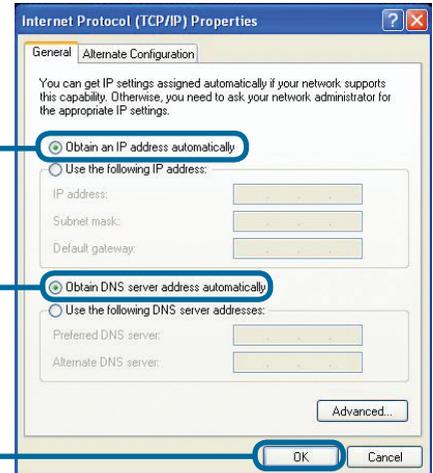
Static IP Address setup
Used when a DHCP server is not available on the local network.

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.
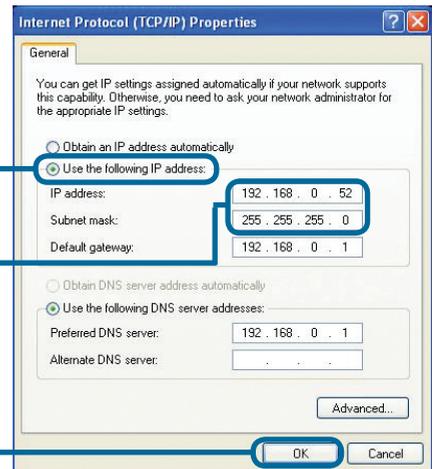
Click OK

For Windows 2000 users:

Go to Start > Settings > Network and Dial-up Connections > Double-click on the **Local Area Connection** associated with the DWL-G510 > select **Properties**

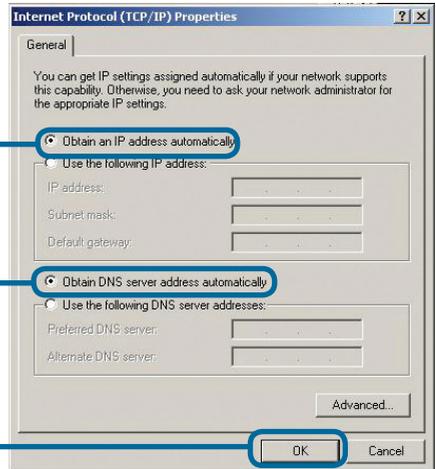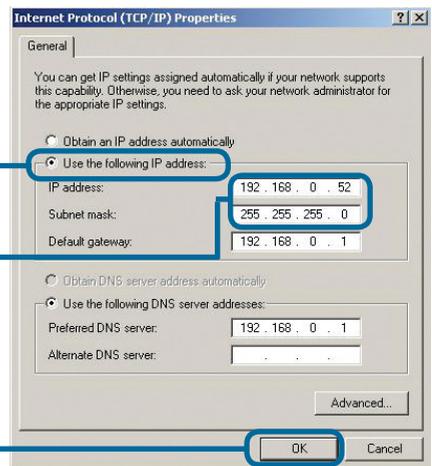**Click Internet Protocol (TCP/IP)**

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

MEMO

Technical Support

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

Tech Support for customers within Australia:

D-Link Technical Support over the Telephone:
1300-766-868
Monday to Friday 8:00am to 8:00pm EST
Saturday 9:00am to 1:00pm EST

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

Tech Support for customers within New Zealand:

D-Link Technical Support over the Telephone:
0800-900-900
Monday to Friday 8:30am to 8:30pm
Saturday 9:00am to 5:00pm

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

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

Tech Support for customers within South Eastern Asia and Korea:

D-Link South Eastern Asia and Korea Technical Support over the Telephone:

+65-6895-5355
Monday to Friday 9:00am to 12:30pm, 2:00pm-6:00pm
Singapore Time

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

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Tech Support for customers within India

D-Link Technical Support over the Telephone:
+91-22-26526741
+91-22-26526696 –ext 161 to 167
Monday to Friday 9:30am to 7:00pm

D-Link Technical Support over the Internet:
http://ww.dlink.co.in
http://www.dlink.co.in/dlink/drivers/support.asp
ftp://support.dlink.co.in
email: techsupport@dlink.co.in

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

D-Link provides free technical support for customers for the duration of the warranty period on this product.

Customers can contact D-Link technical support through our web site or by phone.

Tech Support for customers within the Russia

D-Link Technical Support over the Telephone:
(095) 744-00-99
Monday to Friday 10:00am to 6:30pm

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

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Tech Support for customers within the U.A.E & North Africa:

D-Link Technical Support over the Telephone:
(971) 4-391-6480 (U.A.E)
Sunday to Wednesday 9:00am to 6:00pm GMT+4
Thursday 9:00am to 1:00pm GMT+4
D-Link Middle East & North Africa

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

Tech Support for customers within Israel:

D-Link Technical Support over the Telephone:
(972) 971-5701
Sunday to Thursday 9:00am to 5:00pm

D-Link Technical Support over the Internet:

http://www.dlink.co.il/forum
e-mail: support@dlink.co.il

Tech Support for customers within Turkey:

D-Link Technical Support over the Telephone:
(+90) 212-289 56 59
Monday to Friday 9:00am to 6:00pm

D-Link Technical Support over the Internet:
http://www.dlink.com.tr
e-mail: turkiye@dlink-me.com

Tech Support for customers within Egypt:

D-Link Technical Support over the Telephone:
(202) 414-4295
Sunday to Thursday 9:00am to 5:00pm

D-Link Technical Support over the Internet:
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e-mail: amostafa@dlink-me.com

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Tech Support for customers within South Africa and Sub Sahara Region:

D-Link South Africa and Sub Sahara Technical Support over the Telephone:

+27-12-665-2165
08600 DLINK (For South Africa only)
Monday to Friday 8:30am to 9:00pm South Africa Time

D-Link Technical Support over the Internet:

http://www.d-link.co.za
email:support@d-link.co.za

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Tech Support for Latin America customers:

D-Link Technical Support over the followings Telephones:

Argentina: 0800-666 1442   Monday to Friday 09:00am to 22:00pm
Chile: 800-214 422   Monday to Friday 08:00am to 21:00pm
Colombia: 01800-700 1588   Monday to Friday 07:00am to 20:00pm
Ecuador: 1800-777 711   Monday to Friday 07:00am to 20:00pm
El Salvador: 800-6137   Monday to Friday 06:00am to 19:00pm
*Guatemala:*1800-300 0017   Monday to Friday 06:00am to 19:00pm
Panama: 0800-560 0193   Monday to Friday 07:00am to 20:00pm
Peru: 0800-52049   Monday to Friday 07:00am to 20:00pm
Venezuela: 0800-100 3470   Monday to Friday 08:00am to 21:00pm

D-Link Technical Support over the Internet:
www.dlinkla.com
www.dlinklatinamerica.com
email:support@dlink.cl

Tech Support for customers within Brazil:

D-Link Technical Support over the Telephone:

0800-7014104
Monday to Friday 8:30am to 18:30pm

D-Link Technical Support over the Internet:
www.dlinkbrasil.com.br
email:suporte@dlinkbrasil.com.br

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