

D-Link®

Quick Installation Guide

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



DWL-G630

AirPlus™ 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-G630 purchase:



DWL-G630 AirPlus 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 AirPlus G DWL-G630 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

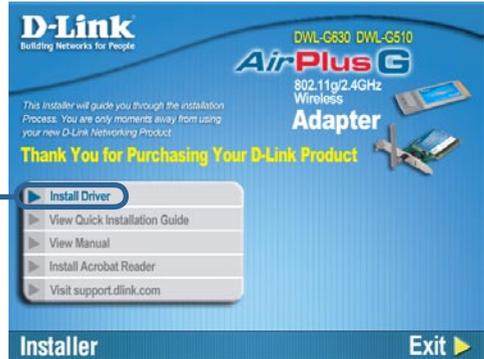


Do **NOT** install the DWL-G630 Cardbus Adapter into your computer before installing the driver software from the D-Link CD!

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.

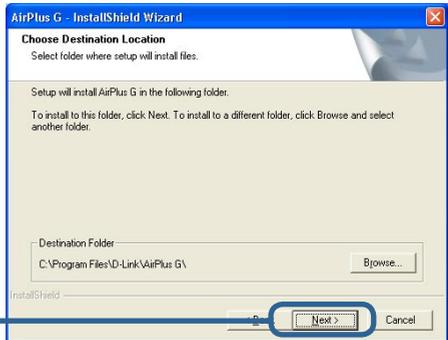
Click Install Driver



Click Next



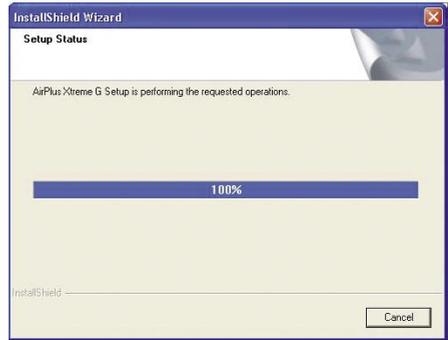
Click Next



Click Next



1 Continued...



Shut down your computer
Remember to leave the DWL-G630 Driver CD in the CD-ROM drive.

2 Installing the DWL-G630 Wireless Cardbus Adapter in Your Computer

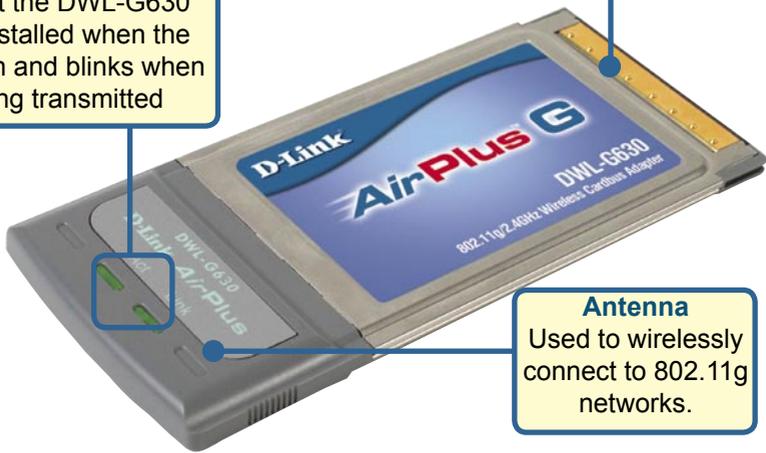
- A.** Make sure to turn off the laptop computer.
- B.** Locate the Cardbus slot on your laptop computer.



- C.** Gently insert the DWL-G630 into the Cardbus slot in your laptop computer (as shown.)

Link/Activity LED
Indicates that the DWL-G630 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 802.11g networks.

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



Click Finish to finalize the installation.



4

Your Installation is Complete!

After you've continued in Windows XP, 2000, Me, or 98SE, the D-Link AirPlus G DWL-G630 **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.



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



Appendix

Wi-Fi Protected Access (WPA), is a Wi-Fi standard that was designed to improve upon the security features of WEP. The technology is designed to work with existing Wi-Fi products that have been enabled with WEP (i.e., as a software upgrade to existing hardware), but the technology includes two improvements over WEP:

- 1) Improved data encryption through Temporal Key Integrity Protocol (TKIP)
- 2) User authentication using Extensible Authentication Protocol (EAP) via a RADIUS server.

Note that WPA is an interim standard that will be replaced with the IEEE's 802.11i standard upon its completion.

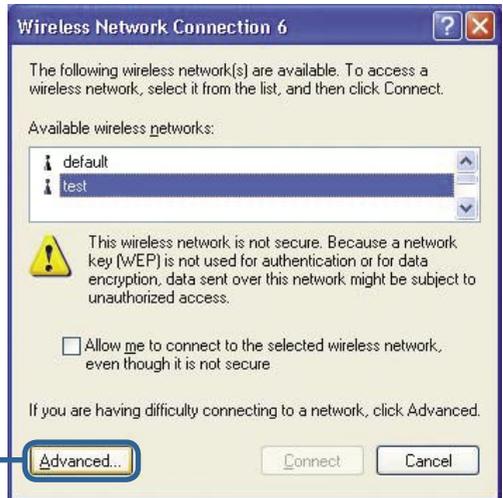
WPA - Wi-Fi Protected Access authorizes and authenticates users onto the wireless network. WPA uses stronger security than WEP and is based on a key that changes automatically at a regular interval. This mode requires a RADIUS server in the network.

WPA-PSK - Pre-Shared Key mode means that the wireless client and the router must have the same passphrase in order to establish the wireless connection. A RADIUS server is not required with this mode.

Appendix (Cont.)

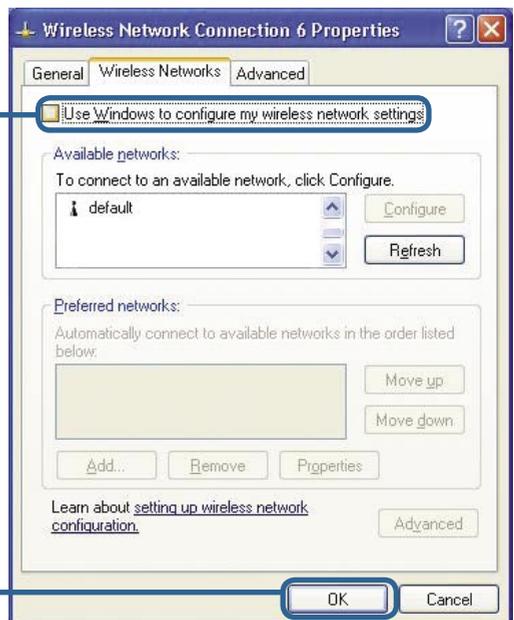
For Windows XP, if you wish to use the AirPlus Xtreme G utility, please do the following steps.

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 (Cont.)

Using the Configuration Utility

A. Status: Displays the MAC Address of the Access Point that is associated with the DWL-G630.

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.

D-Link AirPlus G Wireless Utility

Link Info

- A** Status: Associated BSSID=00:05:5D:89:CE:1F
- B** SSID: default
- C** Frequency: 802.11g
- D** Wireless Mode: Infrastructure
- E** Encryption: Enabled
- Authentication
- F** Tx Rate: 54.0 Mbps
- G** Channel: 7

Rescan

H Signal Quality

Signal Strength: 100%

I Packet Count

Transmit	Receive
>500	250
0	0

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-G630 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-G630.

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

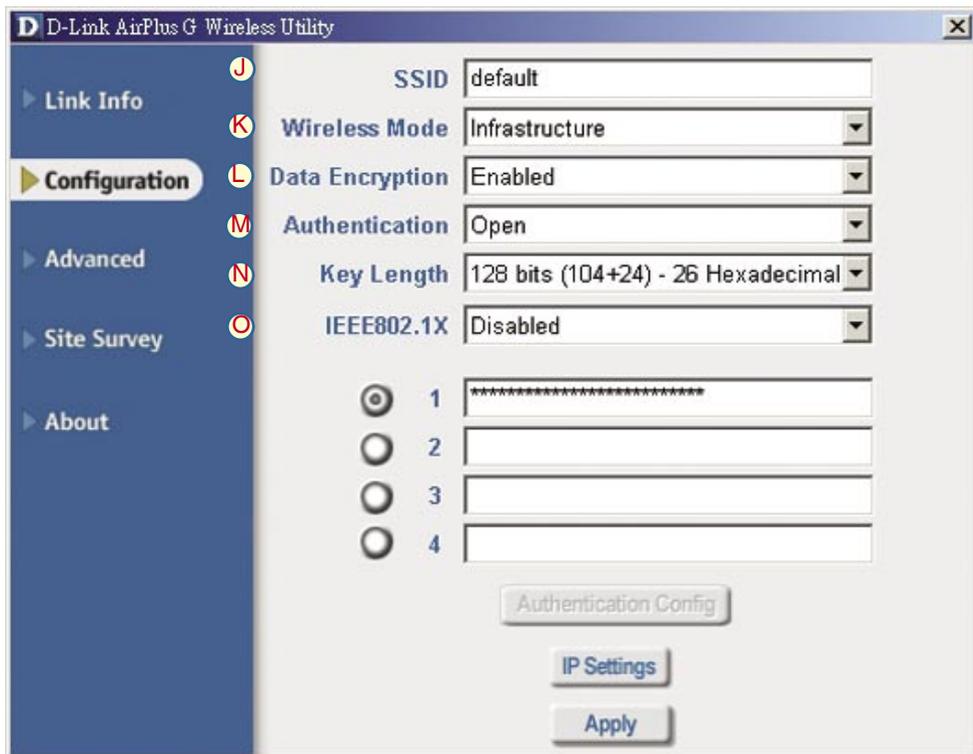
H. Signal Quality: Displays the Link Quality for the DWL-G630 wireless connection to the access point. The Signal Strength represents the wireless signal between the access point and the DWL-G630. The percentage coincides with the graphical bar.

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-G630.**

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-G630.

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

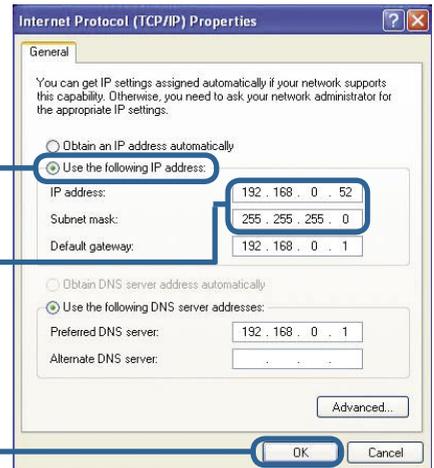
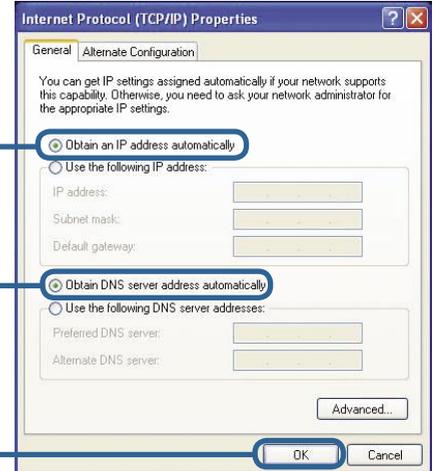
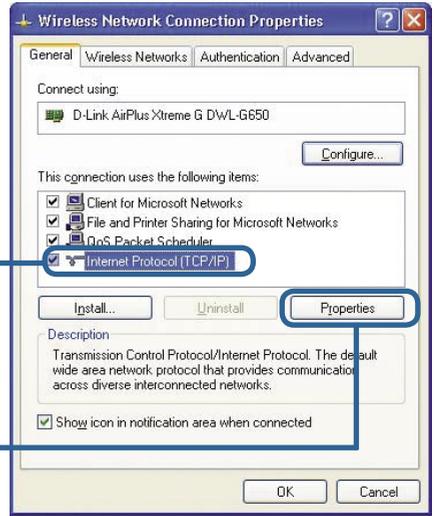
Used when a **DHCP server** is not available on the local network.

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

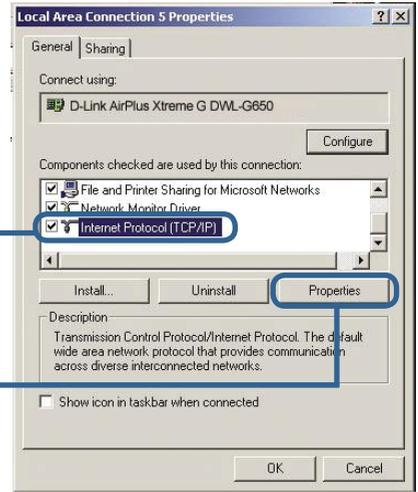


For Windows 2000 users:

Go to **Start > Settings > Network and Dial-up Connections** > Double-click on the **Local Area Connection** associated with the DWL-G630 > select **Properties**

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

Click **Properties**



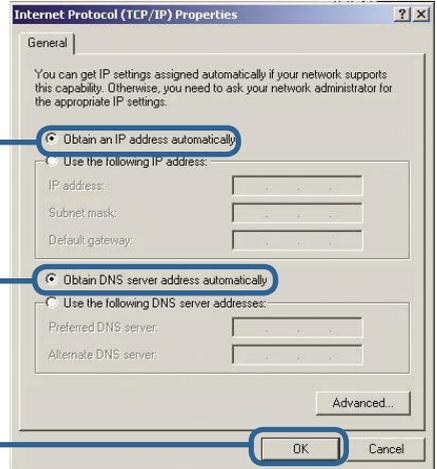
Dynamic IP address setup

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

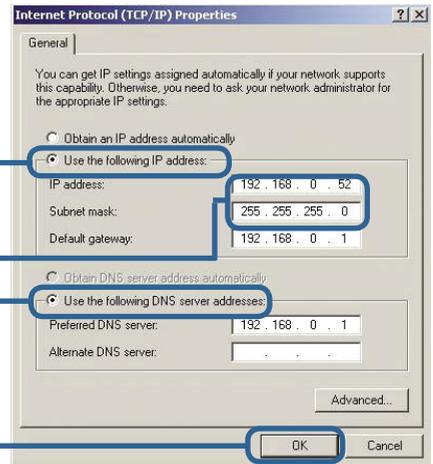
Used when a **DHCP server** is not available on the local network.

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.

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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Technical Support

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

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://www.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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Technical Support

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



Technical Support

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

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:

<http://support.dlink-me.com>

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](mailto: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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