

D-Link® Quick Installation Guide

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

DWL-G650+

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 32 MB 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-G650+ purchase:



**DWL-G650+ 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-G650+ 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



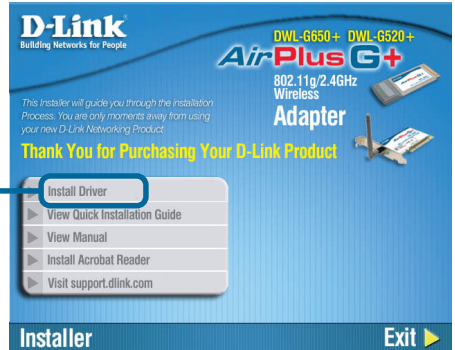
Do **NOT** install
the DWL-G650+
Cardbus Adapter into
your computer before
installing the driver
software on the D-Link
CD!

1

Continued...

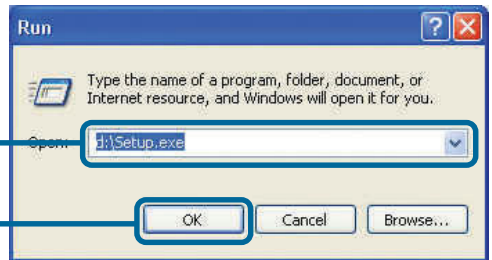
The Install Screen will appear.


Click **Install Drivers**



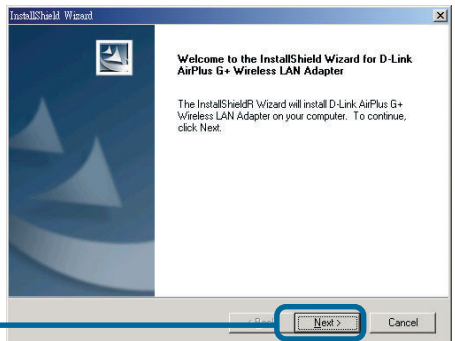
If the CD Autorun function does not automatically start on your computer, type "D:\Setup.exe." If it does start, proceed to the next screen.

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

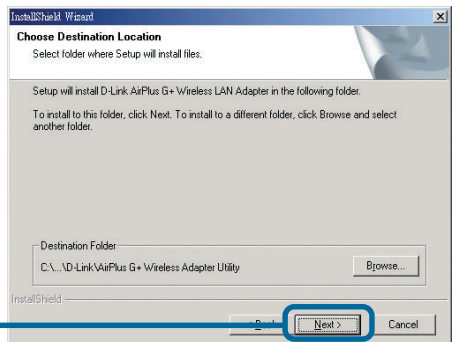


 The letter **"D"** represents the letter of the CD-ROM drive. Your CD-ROM drive may be a different drive letter.

Click **OK**

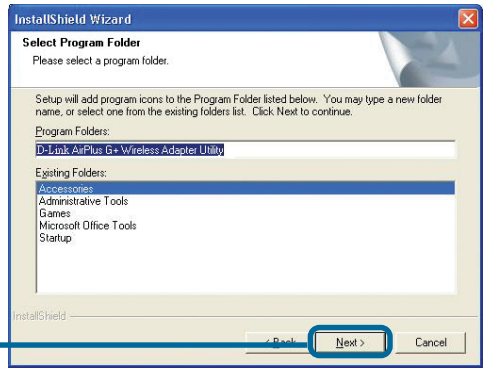


Click **Next**

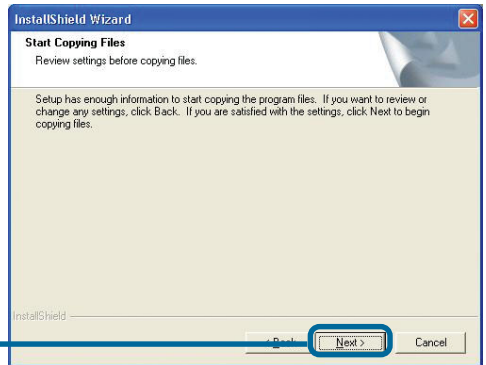


Click **Next**

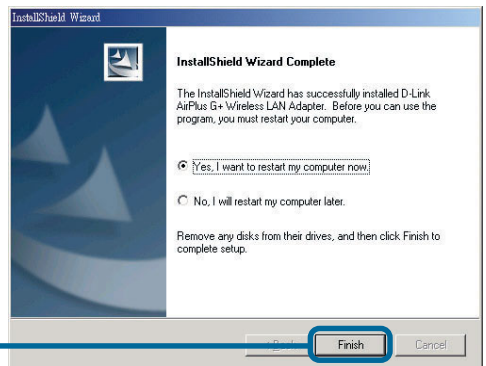
Click **Next**



Click **Next**



Click **Finish**



Shut down your computer

2

Installing the DWL-G650+ 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-G650+ into the Cardbus slot in your laptop computer (as shown.)**

Link/Activity LED

Indicates that the DWL-G650+ 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.

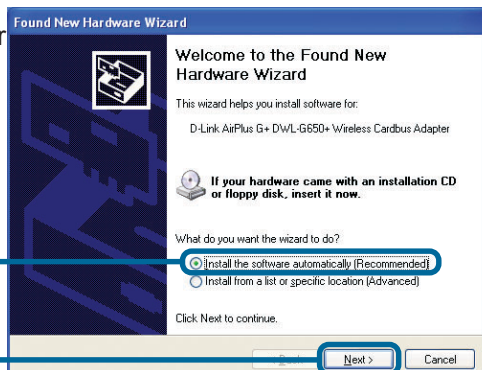
3

Restart Your Computer

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

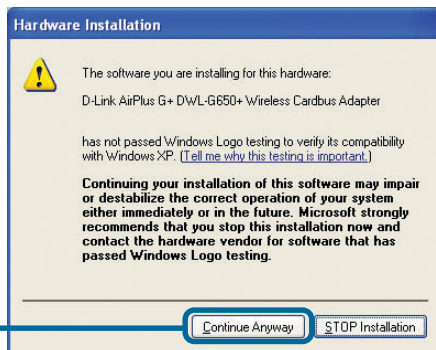
Select **Install the software automatically (Recommended)**

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.

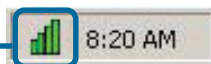
4 Your Installation is Complete!

After you've continued in Windows XP, 2000, ME, or 98SE, the D-Link **AirPlus G+ DWL-G650+ 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.



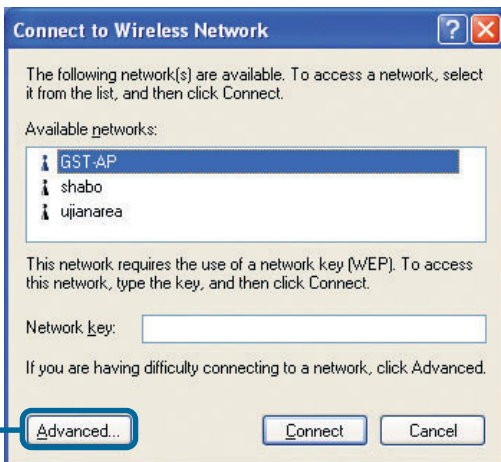
Double-click the **utility icon** to use the configuration utility.



Appendix

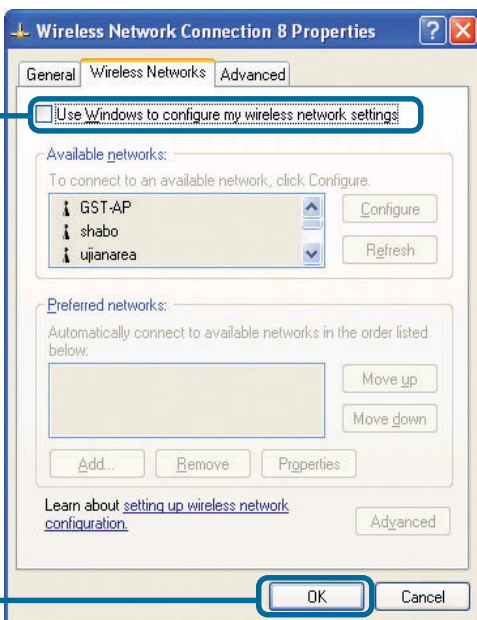
For Windows XP, if you wish to use the AirPlus G+ utility, please do the following steps.

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



Click **Advanced**

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



Click **OK**

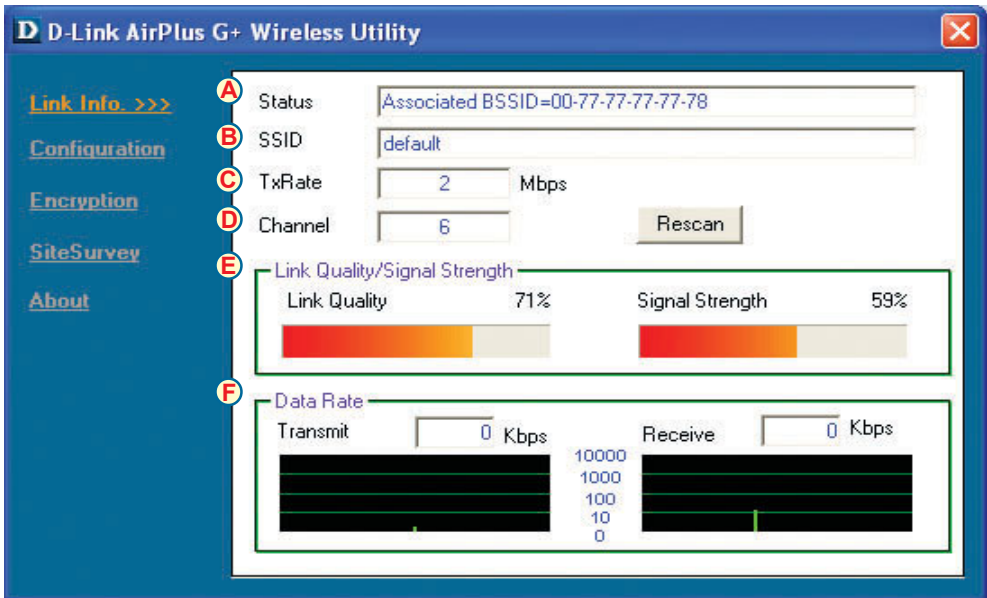
Appendix (Continued)

Using the Configuration Utility

A. Status: Displays the MAC Address of the Access Point that is associated with the DWL-G650+.

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

C. TxRate: The default setting is **Auto**; meaning, TxRate settings are automatically determined by the DWL-G650+ depending on the distance from the access point.



D. Channel: Displays the channel information. By default, the channel is set to 6 and selection is automatically determined by the DWL-G650+.

E. Link Quality / Signal Strength: Displays the Link Quality for the DWL-G650+ wireless connection to the access point. The Signal Strength represents the wireless signal between the access point and the DWL-G650+. The percentage coincides with the graphical bar.

F. Data Rate: Graphically displays the statistics of data transmitted and received.

G. 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.

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

I. Channel: By default, the channel is set to **6**. Channel selection is automatically determined by the DWL-G650+ depending on the channel setting of the access point selected for association. To change the channel settings, the **Wireless Mode** must be set to **Ad-hoc**.

D-Link AirPlus G+ Wireless Utility

[Link Info](#)

[Configuration >>>](#)

[Encryption](#)

[SiteSurvey](#)

[About](#)

G SSID: default

H Wireless Mode: Infrastructure

I Channel: 6

J TxRate: Auto

Preamble: Long Preamble

K Power Mode: Continuous Access Mode

Speed Enhanced Mode

☐ Disable

☒ Enable

Apply Cancel

J. TxRate: You can adjust the transmission rate to get the best signal possible depending on your usage and your environment.

K. Power Mode: By default, Power Mode is set to Continuous Access Mode. **Continuous Access Mode** — this default setting consumes the most power. **Maximum Power Save** — this setting consumes the least power. **Power Save** — this setting consumes a moderate amount of power.

IP Address Configuration

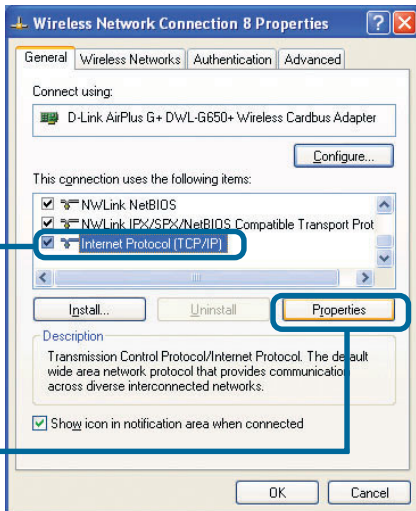
To connect to a network, **make sure the proper network settings are configured for DWL-G650+.**

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-G650+.

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

Click **Properties**



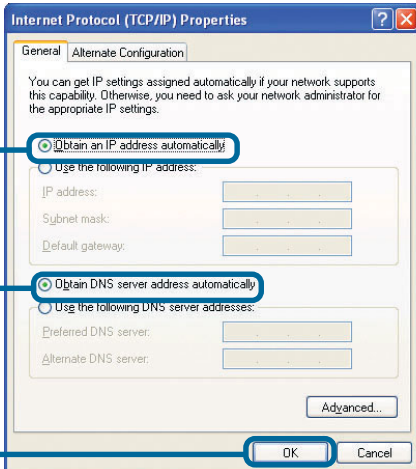
Dynamic IP address setup

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

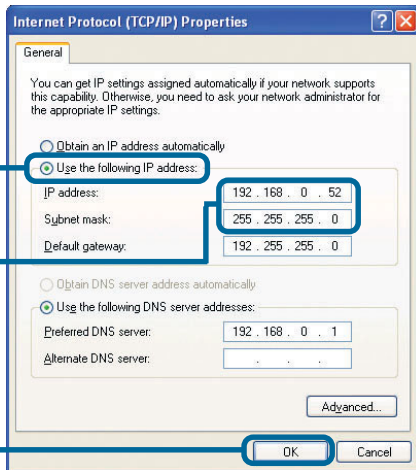
Used when a **DHCP server** is not available on the local network.

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**

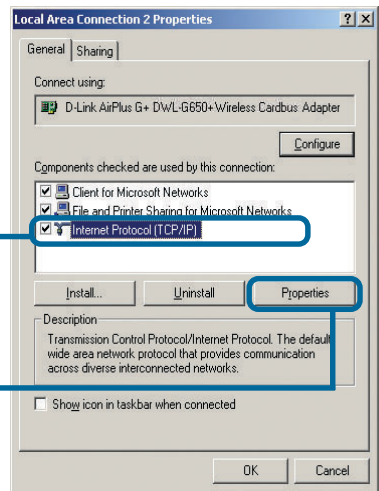


For Windows 2000 users:

Go to **Start > Settings > Network and Dial-up Connections** > Double-click on the **Local Area Connection** associated with the DWL-G650+ > select **Properties**

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

Click **Properties**



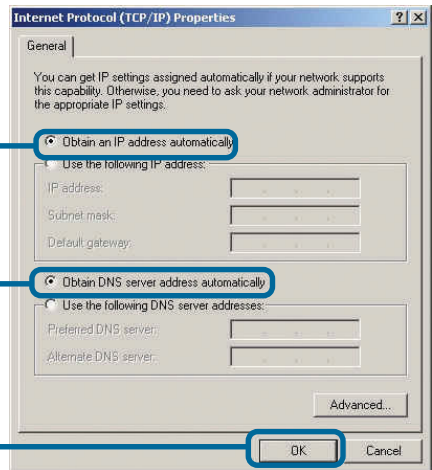
Dynamic IP address setup

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

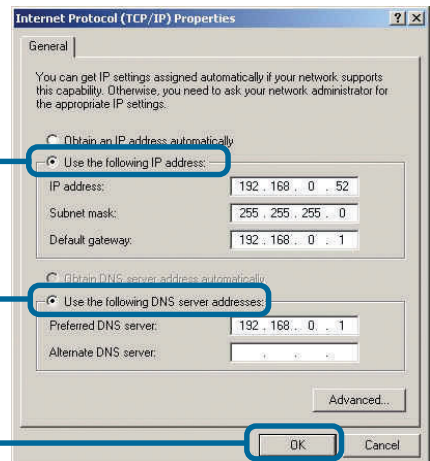
Used when a **DHCP server** is not available on the local network.

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.

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](mailto: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](mailto:support@dlink.ca)

Tech Support for customers within the United Kingdom & Ireland:

D-Link UK & Ireland Technical Support over the Telephone:

+44 (0)20 7365 8440 (United kingdom)

+353 (0)12 421 061 (Ireland)

Monday to Friday 8:00 am to 10:00 pm

D-Link Technical Support over the Internet:

<http://www.dlink.co.uk>