D-Link®
Building Networks for People

⠿Install Guide
Version 1.00

DWL-AG132
Wireless 108AG USB Adapter

System Requirements

Minimum System Requirements:

- Computers with Windows XP/2000 operating system with an available USB 2.0 port

- Internet Explorer version 6.0 or Netscape Navigator version 7.0 and above

Package Contents

D-Link AirPremier AG DWL-AG132
Wireless AG USB 2.0 Adapter

Manual on CD

Cradle

Installing the Drivers

Do NOT install the DWL-AG132 Wireless AG USB Adapter into your computer before installing the driver software from the D-Link CD!
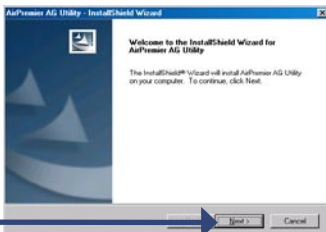
The step-by-step instructions that follow are shown in Windows XP. The steps and screens are similar for the other Windows operating systems.

Turn on the computer and insert the D-Link *Air*Premier AG$^{®}$ DWL-AG132 Driver CD in the CD-ROM drive. The installation Wizard will automatically appear.
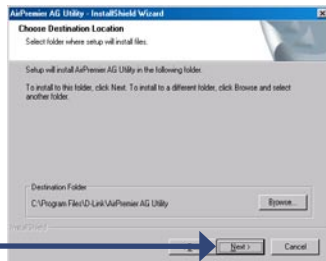
Click Install Drivers

If the Installation Wizard does not automatically start on your computer, type "D:\Drivers\setup.exe." If the Wizard does start, proceed to the next screen.
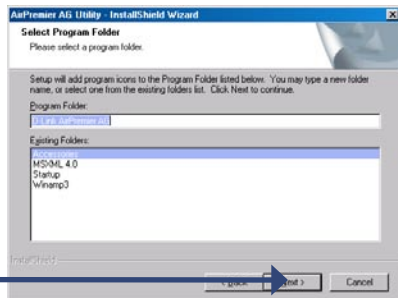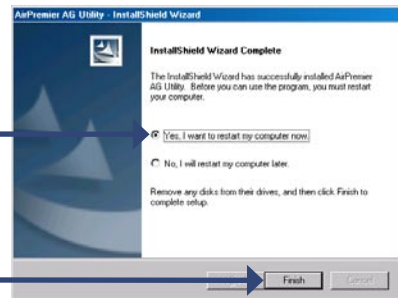
Click Next

Click Next

Installing the Drivers (continued)

Click Next

Click 'Yes, I want to restart my computer now.'

Click Finish

You have completed the installation of the drivers!

Connecting the DWL-AG132

Link/Power LED

Link - indicates that the DWL-AG132 is properly installed.

Activity - blinks when data is being transmitted through the wireless connection.

USB Port - used to connect the DWL-AG132 to your computer.

Remove the protective covering from the DWL-AG132.

Begin by pressing down on the cover with your thumb.

Pull the cover away from the DWL-AG132.

Insert the DWL-AG132 into an available USB port on your computer.

Optional: If desired or needed, attach the cradle between the DWL-AG132 and your computer.
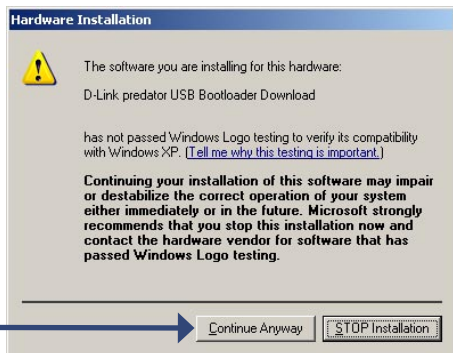
The Found New Hardware Wizard

After connecting the DWL-AG132, the Found New Hardware Wizard (Windows XP) screen will appear:

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

Click **Next**
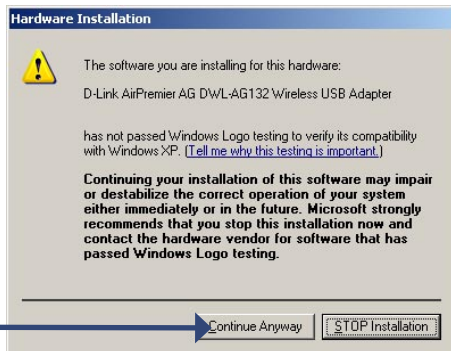
Click **Continue Anyway.**

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

Click **Next**

Click **Continue Anyway.**

Click **Finish** to complete the installation.

Your Installation is Complete!

After completing the Found New Hardware Wizard, the D-Link *Air*Premier AG DWL-AG132 Configuration Utility will automatically start and the utility icon will appear in the bottom right hand corner of the desktop screen (system tray). *If this icon appears GREEN, then you have successfully installed the DWL-AG132, 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.

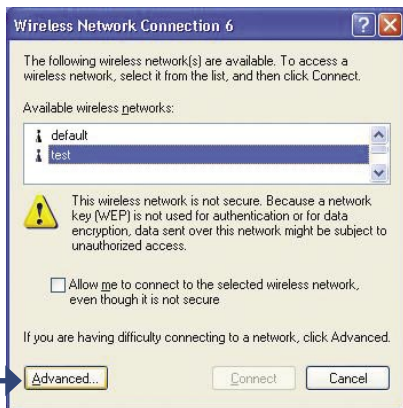**Double-click the utility icon to use the configuration utility.**

Using the Utility in Windows XP

For Windows XP, if you wish to use the *Air*Premier AG utility, please do the following:
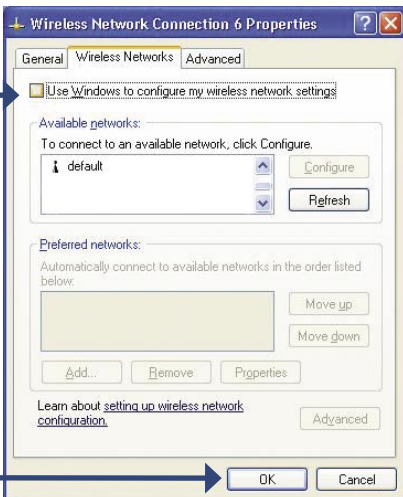
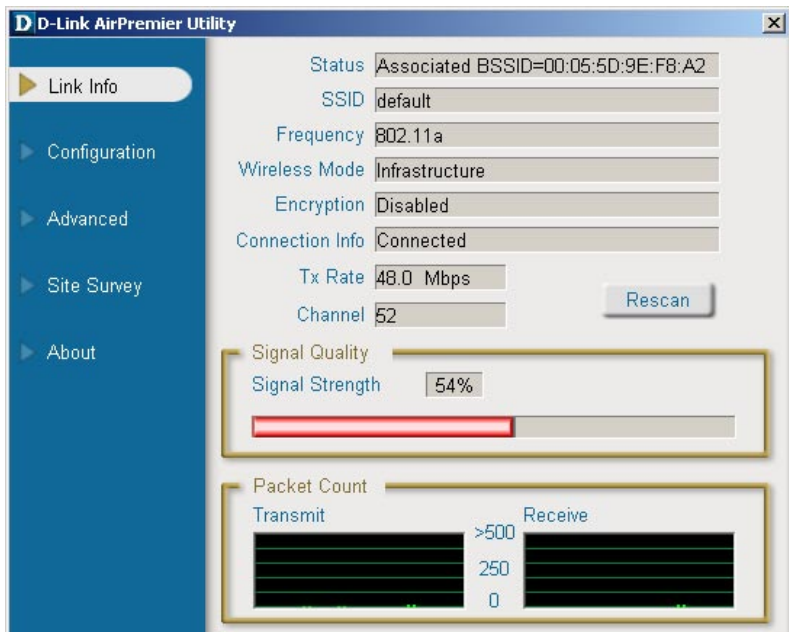**Click the XP networking icon to use the Zero Configuration Wireless**

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

☐ Use Windows to configure my wireless network settings

Uncheck 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]

Using the *Air*Premier AG Utility

Status: Displays the MAC Address of the access point that is associated with the DWL-AG132.

SSID: Displays the Service Set Indentifier assigned to the wireless network.

Frequency: Displays the current frequency used by the adapter.

Wireless Mode: Displays the wireless mode. The default is Infrastructure.

Encryption: Displays whether Encryption is enabled or disabled.

Connection Info: Displays the adapter's connectivity to the network.

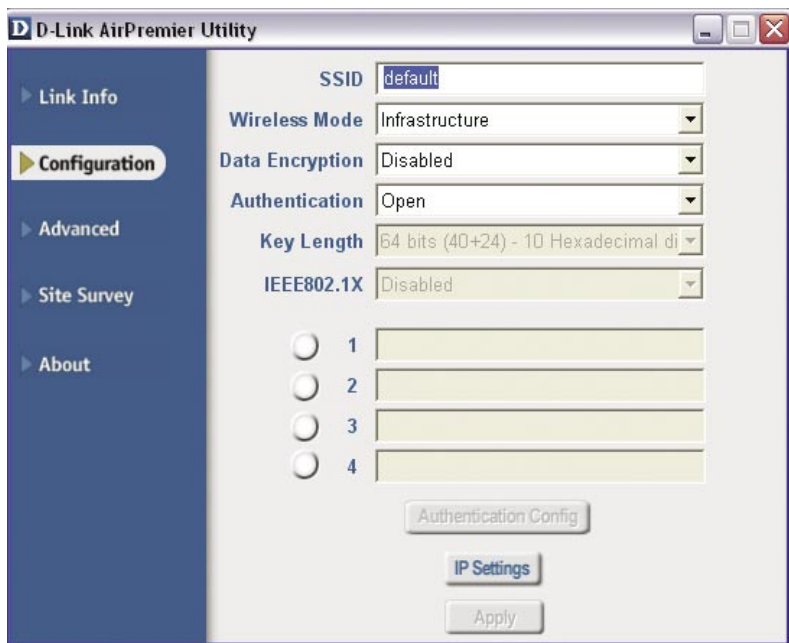**Tx Rate:** Displays the current data transmission rate.

Using the *Air*Premier AG Utility - Link Info (continued)

Channel: Displays the channel information. By default, the channel is set to 6 and selection is automatically determined by the   DWL-AG132.

Signal Strength: Represents the wireless signal between the access point and the DWL-AG132. The percentage coincides with the graphical bar.

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

Using the *Air*Premier AG Utility - Configuration

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.

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

Data Encryption: The default setting is set to Disabled. The adapter supports WEP ad WPA, when encryption is enabled.

Authentication: Allows you to specify the authentication mode for the network. The default setting is set to Open Authentication.

Using the *Air*Premier AG Utility - Configuration (continued)

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 ASCII or hexadecimal digits in the appropriate field.

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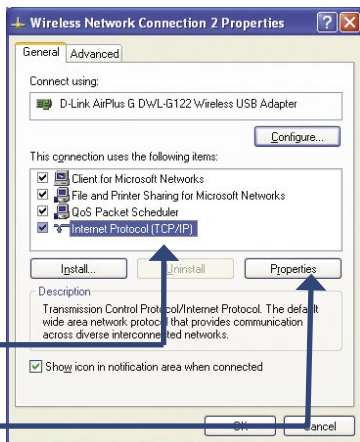
IP Address Configuration

To connect to a network, make sure the proper network settings are configured for the DWL-AG132.

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-AG132.
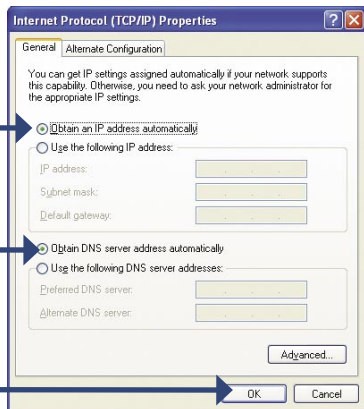
Click Internet Protocol (TCP/IP)

Click Properties

Dynamic IP address setup
Used when a DHCP server is available on the local network. (e.g., a 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

IP Address Configuration (continued)

Static IP address setup

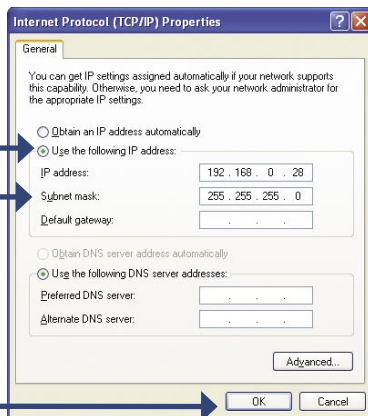Used when a DHCP server is not available on the local network.

Select Use the following IP address

IP address: 192.168.0.28
Subnet Mask: 255.255.255.0

Input a static IP address in the same range as the wireless router or access point.
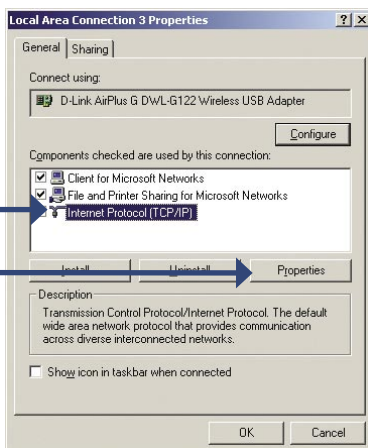
Click OK

For **WINDOWS 2000:**

Go to Start > Settings > Network and Dial-Up connections >   double-click on the Local Area Connection associated with the DWL-AG132 > select Properties.

Click Internet Protocol (TCP/IP).

Click Properties.

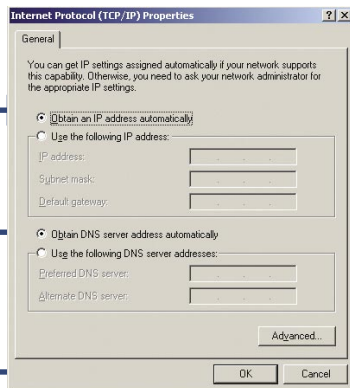# IP Address Configuration (continued)

Dynamic IP address setup

Used when a DHCP server is available on the local network. (e.g., a 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

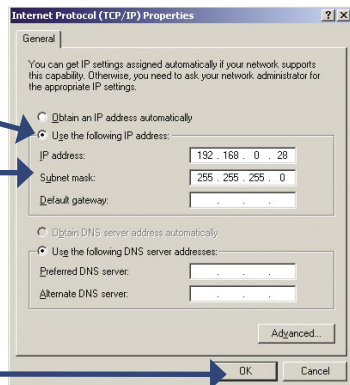Used when a DHCP server is not available on the local network.

Select Use the following IP address

IP address: 192.168.0.28
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

D-Link's website contains the latest user documentation and software updates for D-Link products.

D-Link provides free technical support for customers within the United States and Canada for the duration of the product's warranty period.

U.S. and Canadian customers can contact D-Link Technical Support through our website or by phone.

United States

Telephone

(877) 453-5465

Twenty four hours a day, seven days a week.

World Wide Web

http://support.dlink.com

E-mail

support@dlink.com

Canada

Telephone

(800) 361-5265

Monday through Friday, 7:30am to 12:00am EST.

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Version 1.0

Revised 02/11/05

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