

# D-Link® Quick Installation Guide

This product can be set up using any current web browser: Internet Explorer 6 or Netscape Navigator 7



**DI-524UP**  
AirPlus G  
Wireless Router  
and USB Print Server

## Before You Begin

1. If you purchased this router to share your high-speed Internet connection with other computers, you must have either an Ethernet-based Cable or DSL modem with an established Internet account from an Internet Service Provider (ISP).
2. It's best to use the same computer that is connected to your modem for configuring the DI-524UP AirPlus G Wireless Router. The DI-524UP acts as a DHCP server and will assign all the necessary IP address information on your network. **See Appendix at the end of this Quick Installation Guide or the Manual on the CD-ROM for setting each network adapter to automatically obtain an IP address.**

## Check Your Package Contents



**DI-524UP AirPlus G 802.11g/2.4GHz Wireless Router**



**CD-ROM (containing Manual and Warranty)**



**Ethernet (CAT5 UTP/Straight Through) Cable**



**5V 2A DC Power Adapter**

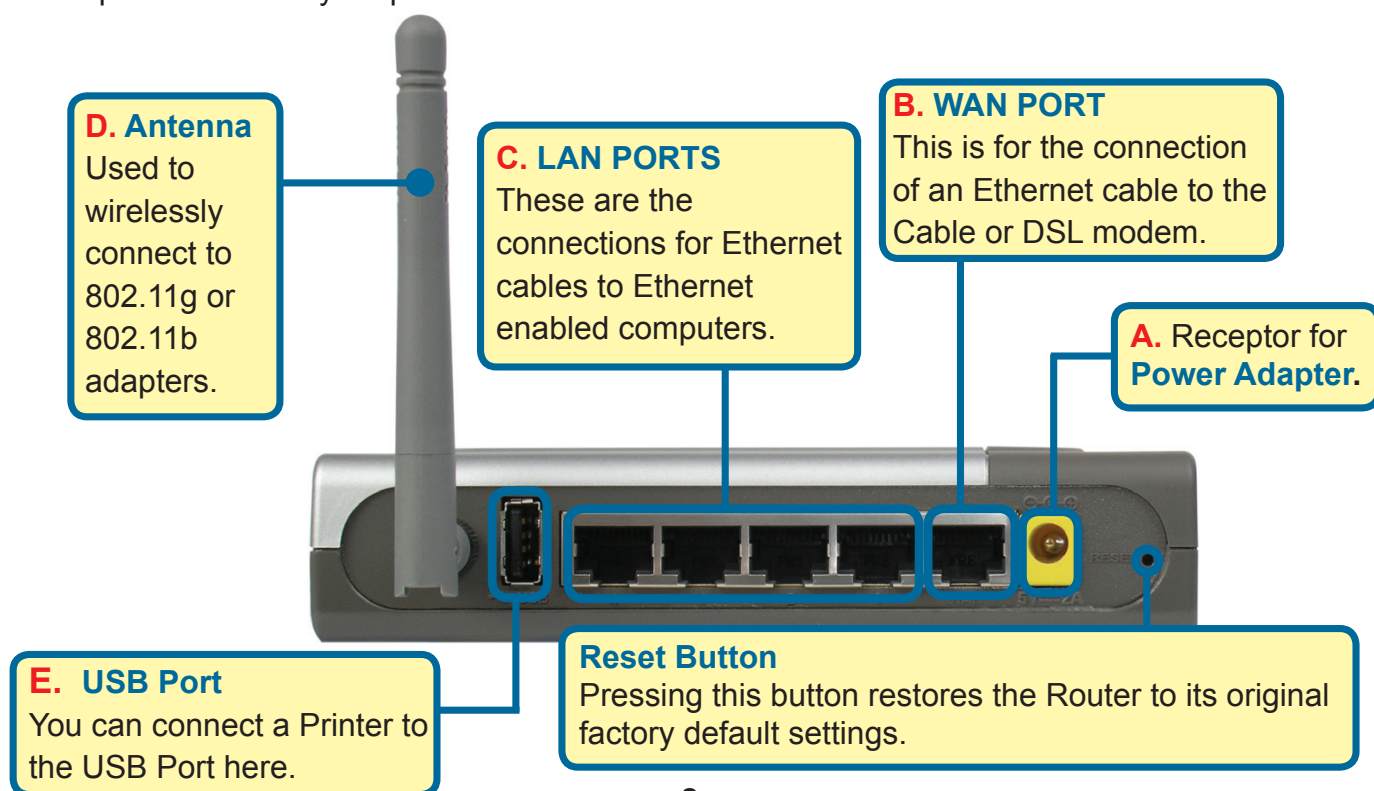
**!** Using a power supply with a different voltage rating will damage and void the warranty of this product.

If any of the above items are missing, please contact your reseller.

# 1

## Connecting The DI-524UP Wireless Router To Your Network

- A.** First, connect the power adapter to the **receptor** at the back panel of the DI-524UP and then plug the other end of the power adapter to a wall outlet or power strip. The Power LED lights up indicating proper operation.
- B.**
  1. Power off your Cable or DSL modem; devices that do not have a on/off switch and will require you to unplug the power adapter. Now, the DI-524UP should be powered on and the Cable / DSL modem should be turned off.  
Cable / DSL modem (**Power Off**) – DI-524UP (**Power On**)
  2. Connect an Ethernet cable to the Ethernet jack located on the Cable / DSL modem. After the Ethernet cable is securely connected, power on the Cable / DSL modem by turning on the unit or plugging in the power adapter.  
Cable / DSL modem (**Power On**) – DI-524UP (**Power On**)
  3. Insert the other end of the Ethernet cable to the WAN PORT on the back panel of the DI-524UP. The WAN LED light will illuminate to indicate proper connection. If the WAN LED is not illuminated, please go back to step B1 and repeat the steps.
- C.** Insert an Ethernet cable to **LAN Port 1** on the back panel of the DI-524UP and an available Ethernet port on the network adapter in the computer you are using to configure the DI-524UP. The LED light for LAN Port 1 illuminates to indicate proper connection. (Note: The LAN Ports on the DI-524UP are Auto-MDI/MDI-X. Meaning you can use a straight-through or crossover-Ethernet cable in the LAN Ports.)
- D.** Computers equipped with 802.11g wireless adapters will be able to connect to the DI-524UP. The DWL-G630 *AirPlus G* Wireless Cardbus Adapter and the DWL-G510 *AirPlus G* Wireless PCI Adapter will be able to connect out of the box with the router using their default wireless settings.
- E.** The USB port on the DI-524UP is used to connect printers only. Connect one end of the printer cable to your printer and the other end to the DI-524UP.



## 2 Restart Your Computer

## 3 Connecting Additional Computers To The DI-524UP

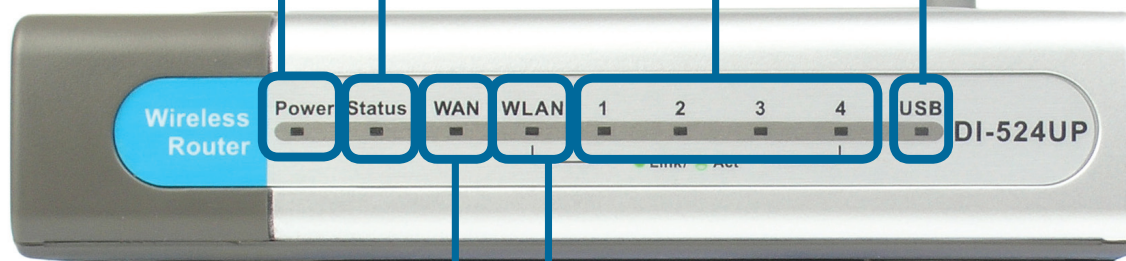
Using additional Ethernet (CAT5 UTP) cables, connect your Ethernet-equipped computers to the remaining Ethernet LAN ports on the back panel of the DI-524UP.

**Power LED** – a solid light indicates a proper connection to the power supply.

**Status LED** – a blinking light indicates that the DI-524UP is functioning properly.

**LOCAL NETWORK LEDs** – a solid light on the port indicates a connection to an Ethernet enabled computer on ports 1-4. This LED blinks during data transmission.

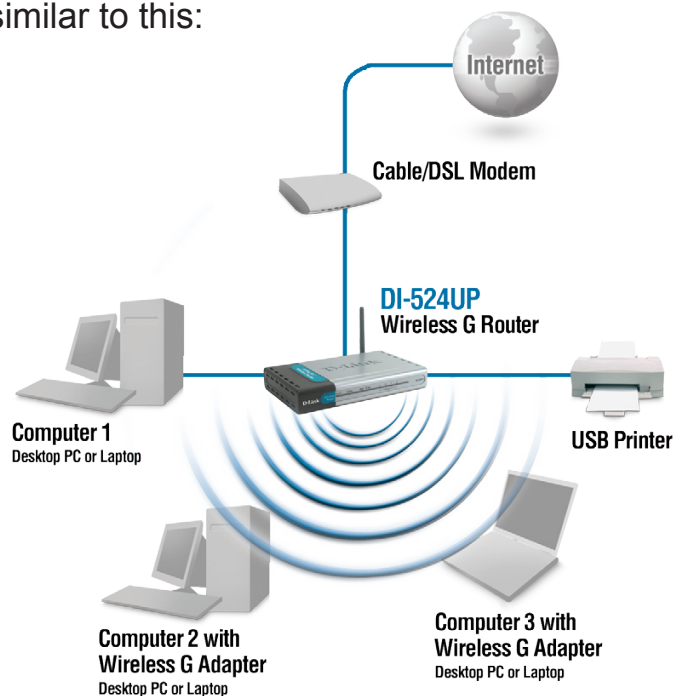
**USB Printer LED**  
solid light indicates a proper connection. This LED blinks during data transmission.



**WAN LED** – a solid light indicates connection on the WAN port. This LED blinks during data transmission.

**WLAN LED** – a solid light indicates that the wireless segment is ready. This LED blinks during wireless data transmission.

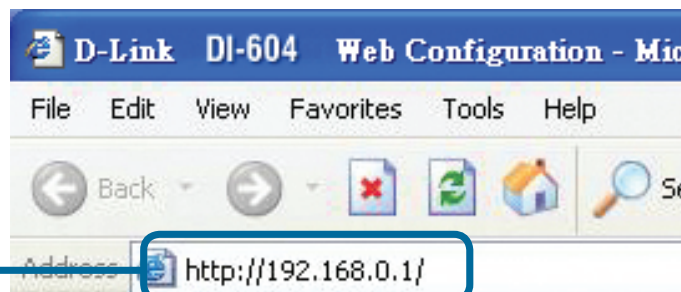
When you have completed the steps in this *Quick Installation Guide*, your connected network should look similar to this:



# 4

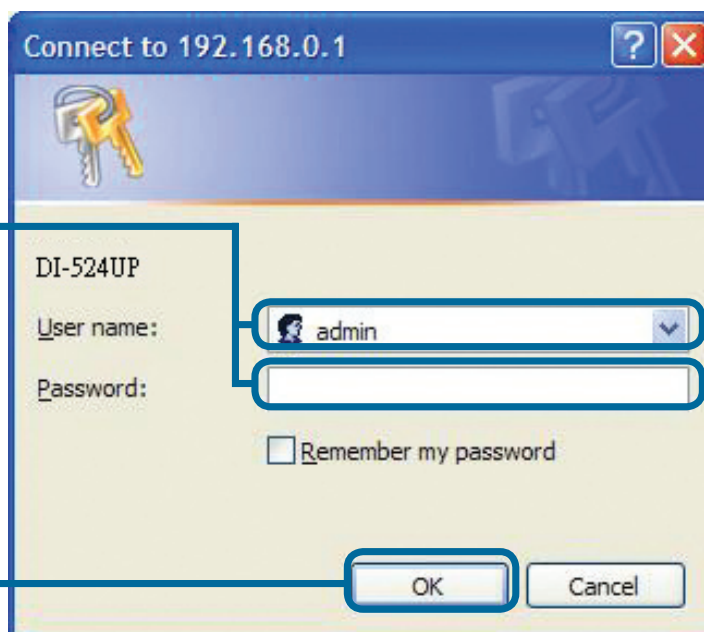
## Using The Setup Wizard

Open your Web browser and type "**http://192.168.0.1**" into the URL address box. Then press the **Enter** or **Return** key.



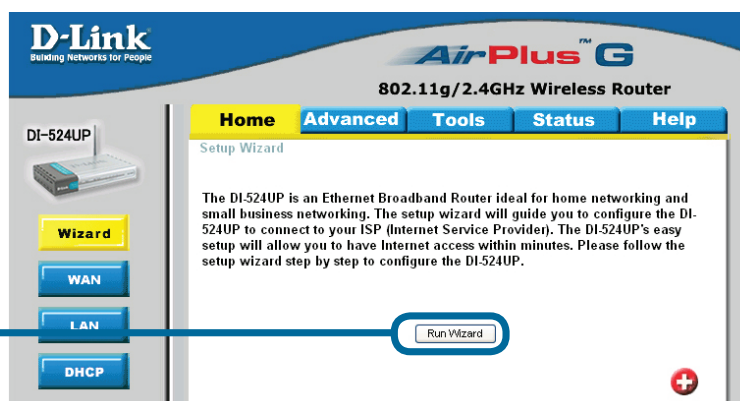
The logon pop-up screen will appear.

Type "**admin**" for the username and leave the password field blank.



Click **OK**

Once you have logged in, the **Home** screen will appear.



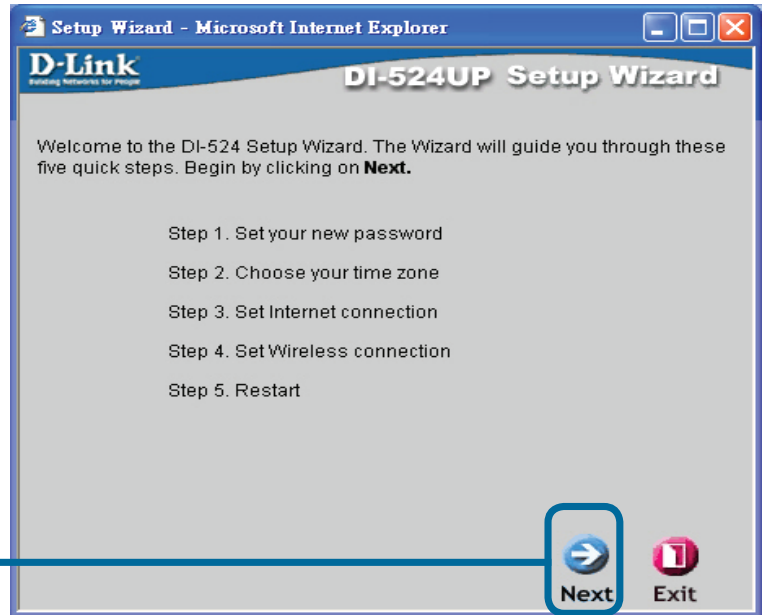
Click **Run Wizard**

# 4

## The Setup Wizard (continued)

You will see the following screens:

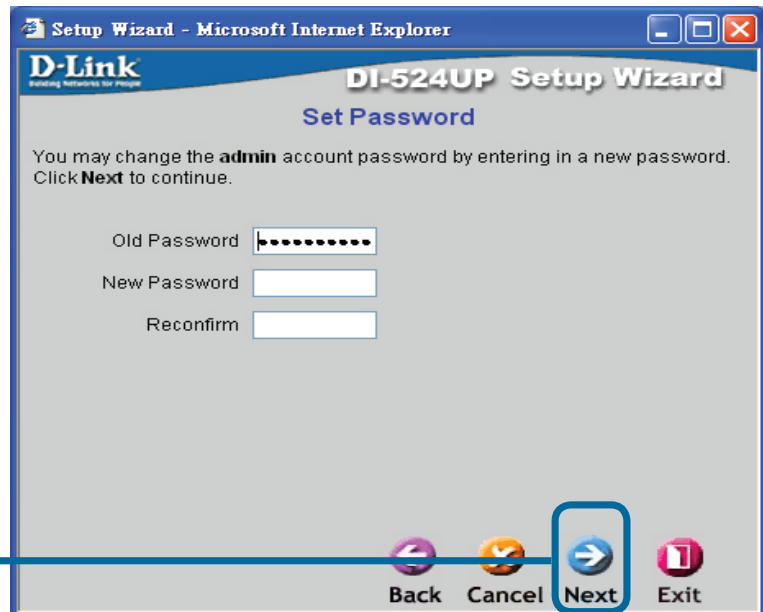
Click **Next**



**Set up your new password.**

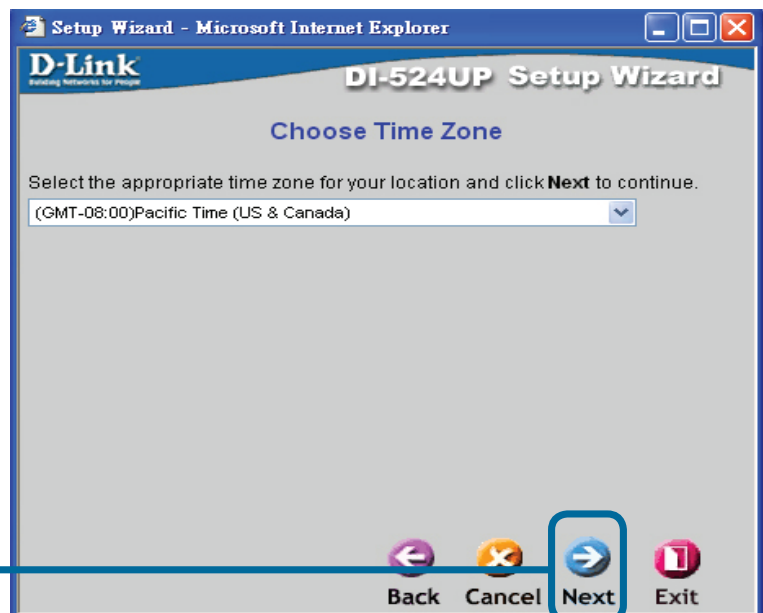
You have the option to establish a password.

Click **Next**



**Choose your time zone** from the drop down list.

Click **Next**





## 4 The Setup Wizard (continued)


A this point, the setup wizard will try to auto-detect your Internet connection type. If you have a Dynamic or PPPoE connection, you will be brought to the corresponding page.

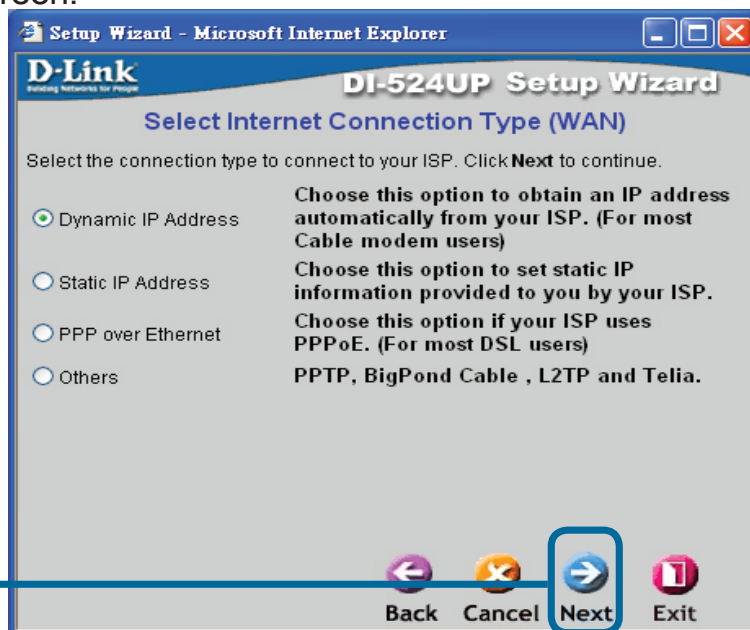


Otherwise, you will see the following screen:

### Select your Internet Connection.

You will be prompted to select the type of Internet connection for your router.

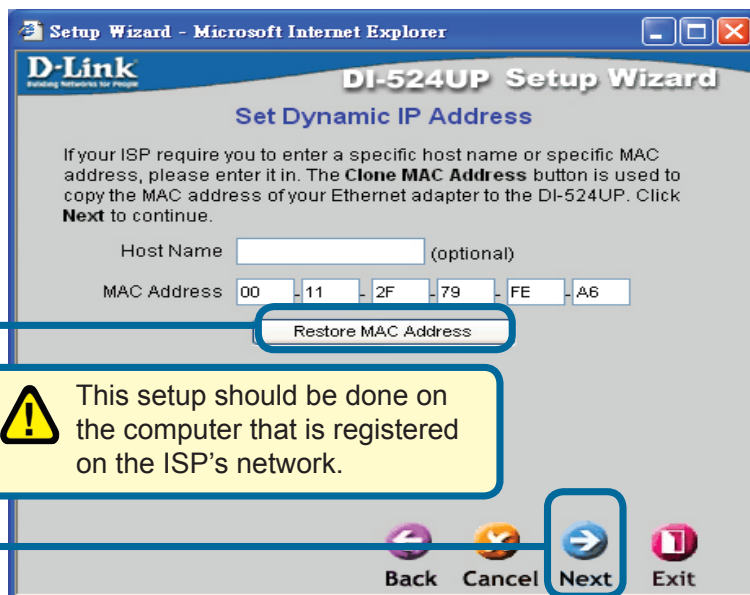
 If you are unsure of which setting to select, please contact your Internet Service Provider.




Click **Next**

If you selected **Dynamic IP Address**, this screen will appear: (Used mainly for Cable Internet service.)

Click the **“Clone MAC Address”** button to automatically copy the MAC address of the network adapter in your computer. You can also manually type in the MAC address.



 This setup should be done on the computer that is registered on the ISP's network.

Click **Next**

Please continue to **Wireless Setup**.

# 4

## The Setup Wizard (continued)

If your ISP requires a **Static IP Address**, and this option is selected, then this screen will appear:

Enter the IP address information originally provided to you by your ISP. You will need to complete all the required fields.

Setup Wizard - Microsoft Internet Explorer

**D-Link** DI-524UP Setup Wizard

**Set Static IP Address**

Enter in the static IP information provided to you by your ISP. Click **Next** to continue.

WAN IP Address: 0.0.0.0

WAN Subnet Mask: 0.0.0.0

WAN Gateway: 0.0.0.0

Primary DNS: 0.0.0.0

Secondary DNS: 0.0.0.0

Back Cancel **Next** Exit

Click **Next**

Please continue to **Wireless Setup**.

If your ISP uses **PPPoE** (Point-to-Point Protocol over Ethernet), and this option is selected, then this screen will appear: (Used mainly for DSL Internet service.)

Enter in the username and password provided to you by your ISP.

Setup Wizard - Microsoft Internet Explorer

**D-Link** DI-524UP Setup Wizard

**Set PPPoE**

The service name is optional but may be required by your ISP. Click **Next** to continue.

PPPoE Username:

PPPoE Password:

Retype Password:

PPPoE Service Name: (optional)

Back Cancel **Next** Exit

Please be sure to remove any existing PPPoE client software installed on your computers.

Click **Next**

Please continue to **Wireless Setup**.

# 4

## The Setup Wizard (continued)

### Wireless Setup

The default wireless settings for your 802.11g wireless network are:

SSID = **default**

Channel = **6**

You can change these settings to match an existing wireless network.

If you wish to use encryption for your 802.11g network, the DI-524UP is capable of two levels of wireless encryption - 64-bit and 128-bit. **By default the encryption is disabled.**

You can change the encryption settings for more secure wireless communication.

Setup Wizard - Microsoft Internet Explorer

D-Link Building Networks for People

DI-524UP Setup Wizard

Set Wireless connection

Enter in the SSID name and Channel number to be used for the Wireless Access Point. Click **Next** to continue.

Network ID (SSID) default

Channel 6 WEP Encryption Disable

WEP Key

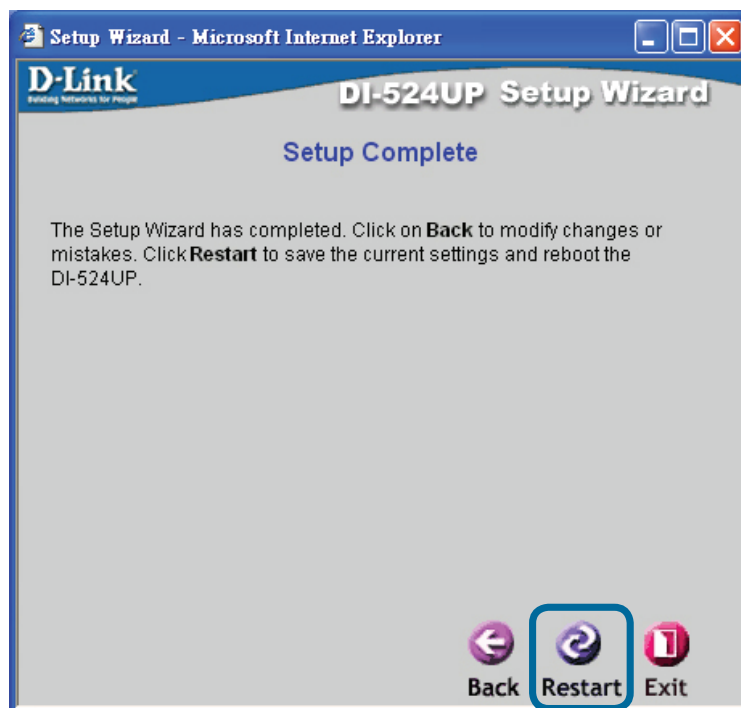
Back Cancel Next Exit

Click **Next**

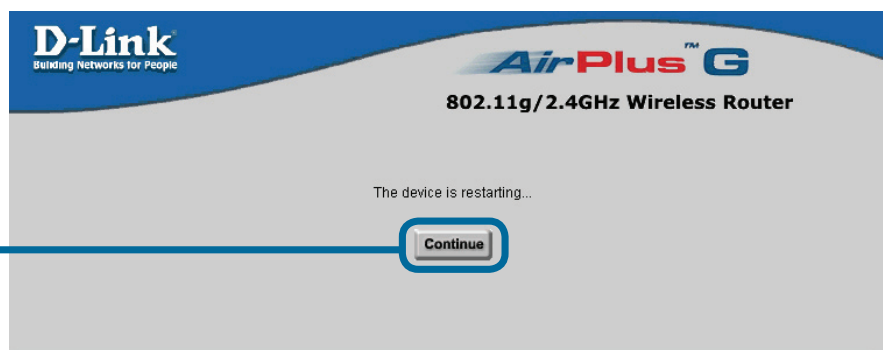


# 5

## Your Setup is Complete!



Click **Restart**



Click **Continue**

## Test Internet Connection

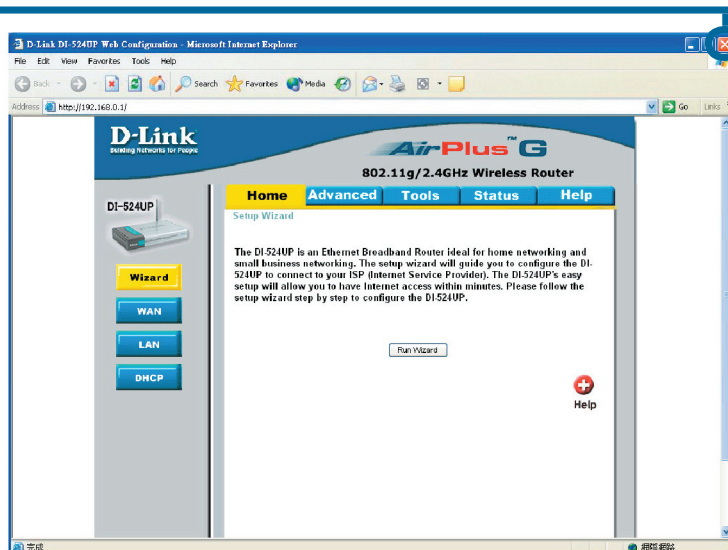
You will be returned to the **Home** tab.

Click to **Exit**



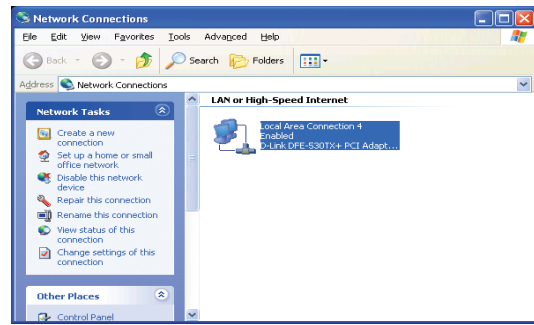
Then **relaunch** your Web browser (i.e., *Internet Explorer* or *Netscape Navigator*), to link to your favorite Web site to test your Internet connection.

For additional settings or information, refer to the **Advanced**, **Tools**, or **Status** tabs on the web-management interface; or to the Manual located on the CD.



# APPENDIX

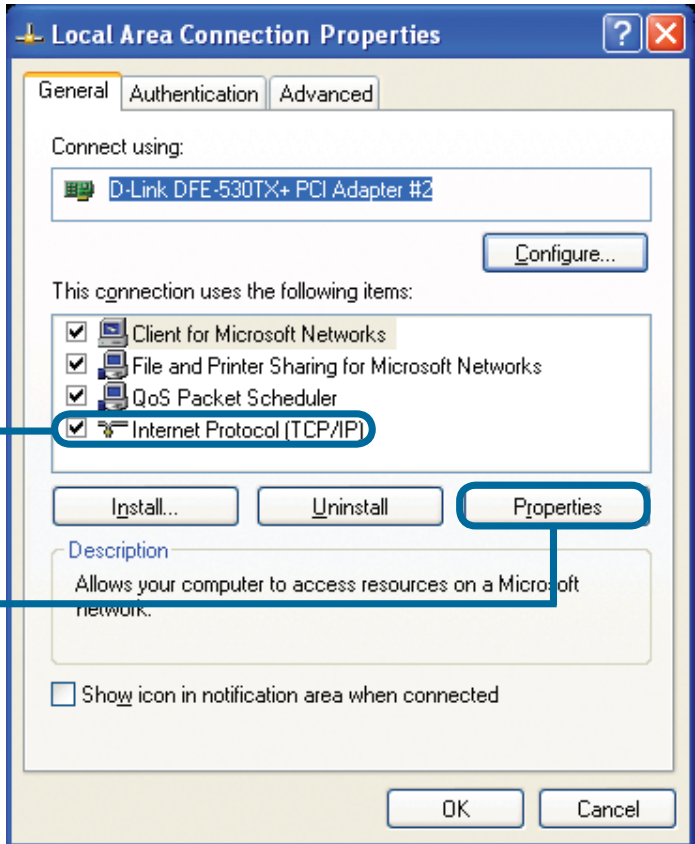
To connect to the network, make sure the network adapter in your computer is configured properly. Here's how to configure the network adapter to obtain an IP address automatically for the DI-524UP Wireless Broadband Router.



For **Microsoft Windows XP**:  
right click on **My Network Places** icon  
on the desktop > select **Properties** >  
**Double-click** on the **Network Connection**  
associated with the Ethernet adapter (i.e.,  
D-Link DFE-530TX+).

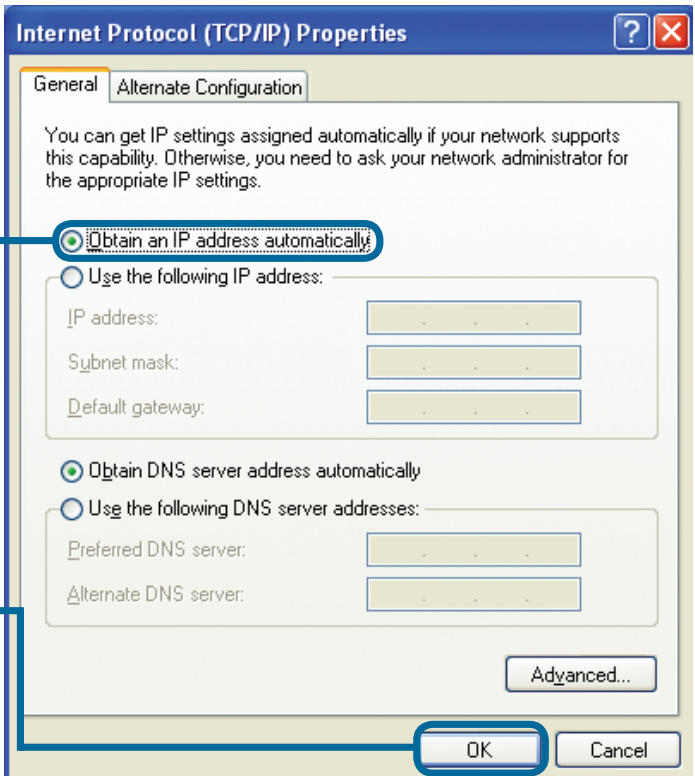
Click **Internet Protocol (TCP/IP)**

Click **Properties**



Select **Obtain an IP address automatically**

Click **OK**

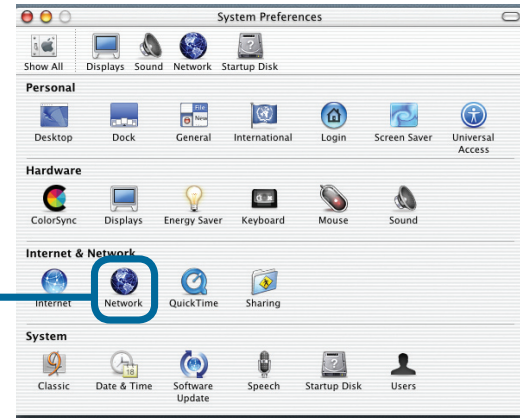


**Restart** your computer (if necessary)

## For Apple Macintosh OS X:

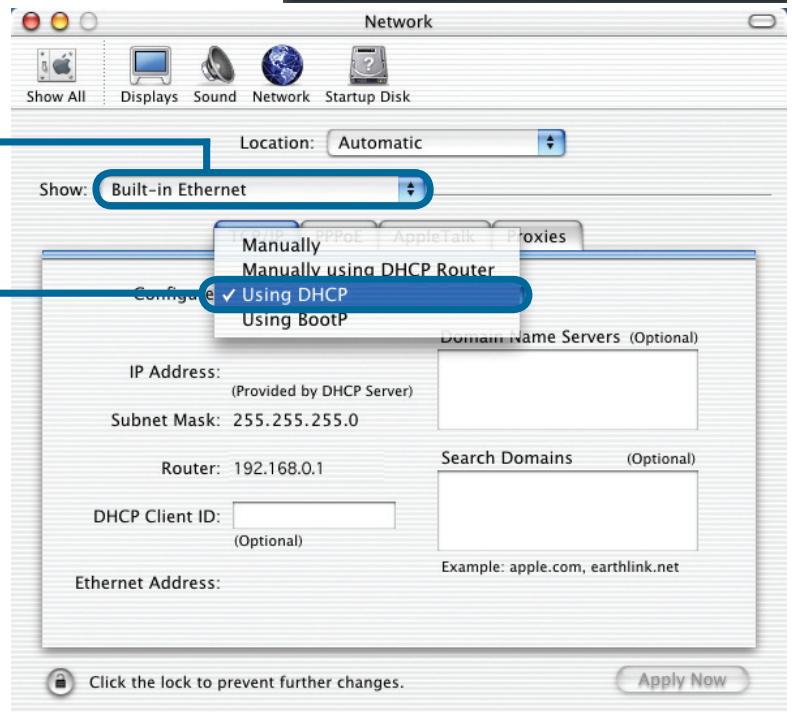
Go to the Apple Menu Click on **System Preferences** and Select **Network**.

Click on **Network**



Select **Built-in Ethernet** in the Show pull down menu

Select **Using DHCP** in the Configure pull down menu



Click on **Apply Now**

The IP address information, the Subnet Mask, the Router's IP address and the Ethernet adapter address will appear.

