D-Link
Quick Installation Guide

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

DSL-G804V
Wireless ADSL Router

Check Your Package Contents

These are the items included with your purchase:
If any of the below items are missing, please contact your reseller.

DSL-G804V Wireless ADSL Router

CD-ROM (Quick Install Guide and Manual)

One Ethernet (CAT5 UTP Straight-through) Cable

One ADSL Cable (standard telephone cable)

One Console (PS/2-RS232) Cable
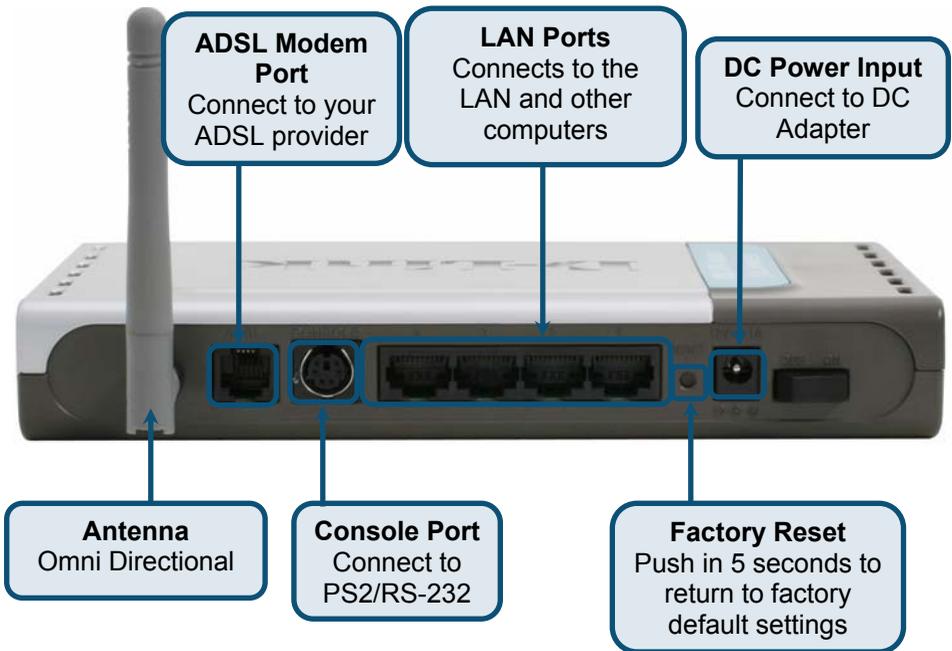
12V, 1A Power Adapter

⚠️ Using a power adapter with different voltage rating will damage and void the warranty for this product.

1 Connecting the Router to your Computer

A、 First, connect the power adapter to the power input at the back panel of the DSL-G804V and then plug the other end of the power adapter to a wall outlet or power strip.On the front of the device, the power LED will turrn ON to indicate proper operation.

B、 Insert one end of the Ethernet cable into an Ethernet(LAN) port on the back panel of the DSL-G804V and the other end of the cable to an Ethernet Adapter or available Ethernet port on your computer.

C、 Insert the telephone cable included with the Router into the ADSL port, then connect the cable to your telephone line.

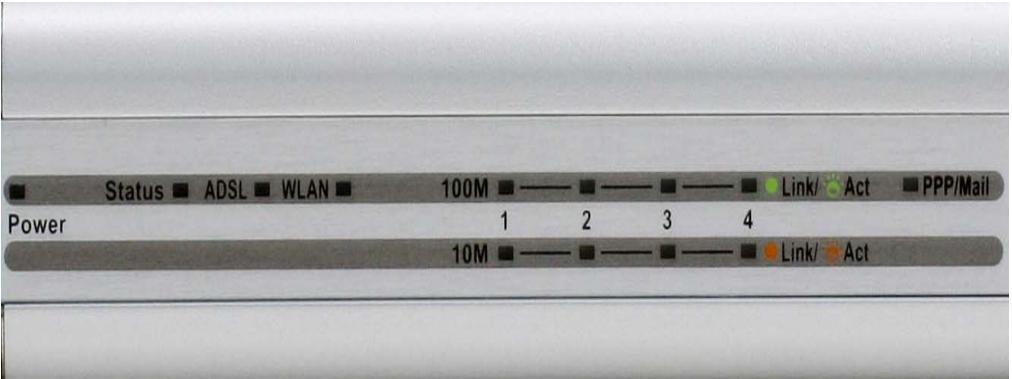D、 Check the LED display on the front of the Router to confirm that the connections have been made.

Rear Panel Connections

ADSL Modem Port
Connect to your ADSL provider

LAN Ports
Connects to the LAN and other computers

DC Power Input
Connect to DC Adapter

Antenna
Omni Directional

Console Port
Connect to PS2/RS-232

Factory Reset
Push in 5 seconds to return to factory default settings

1 Connecting the Router to your Computer (continued)

Front Panel LEDs

Power	Steady green light indicates the unit is powered on. When the device is powered off this remains dark.
Status	Lights steady green during power on self-test (POST). Once the connection status has been settled, the light will blink green. If the indicator lights steady green after the POST, the system has failed and the device should be rebooted.
ADSL: Link/Act	Steady green light indicates a valid ADSL connection. This will light after the ADSL negotiation process has been settled. A blinking green light indicates activity on the WAN (ADSL) interface.
WLAN	Lit green when the wireless connection is established. A blinking green when sending/receiving data.
LAN 1 - 4: Link/Act	Green: The router has a successful 100Mb Ethernet connection. A solid green light indicates a valid link on startup. These lights blink when there is activity currently passing through the Ethernet port. Orange: The router has a successful 10Mb Ethernet connection. A solid green light indicates a valid link on startup. These lights blink when there is activity currently passing through the Ethernet port.
PPP/MAIL	Lit steady when there is a PPPoA / PPPoE connection. Lit and flashed periodically when there is email in the Inbox

Configuring the Router

You have two methods to configure your router. The one is you can use the **Configuration Utility** which is contained in the CD-ROM and follow the instructions step by step to easy configure your router.

The other one is to use your Web browser to access the web pages used to setup the Router, your computer must be configured to **"Obtain an IP address automatically"**, that is, you must change the IP network settings of your computer so that it is a **DHCP Client**. If you are using **Windows XP** and do not know how to change your network settings, skip ahead to **Appendix A** and read the instructions provided. You may also read the User Manual for instructions on changing IP settings for computers running Windows operating systems.

Open the web browser and type http://192.168.1.1 in the browser's address box. This number is the default IP address for this router. Press Enter.

Wireless ADSL VPN Firewall Router - Microsoft Internet Explorer

File   Edit   View   Favorites   Tools   Help

← Back ▼ → ▼ ⊗ ⚙ ⚙ | ◌ Search ⚙ Favorites ⚙ Media ⚙ | ⚙ ▼ ⚙

Address ⚙ http://192.168.1.1/

A user name and password window will appear. The default <u>U</u>ser Name and <u>P</u>assword are "admin" and "admin". Press OK to logon to the router.

Enter Network Password   ? ×

Please type your user name and password.

Site: 192.168.1.1

Realm   WebAdmin

<u>U</u>ser Name   admin

<u>P</u>assword   xxxxx

☐ <u>S</u>ave this password in your password list

Click **OK**   OK   Cancel

2 Configuring the Router (continued)

Once you have logged in, the **Home** directory tab is prominent with the **Setup Wizard** menu displayed. Most users will be able to use the Setup Wizard to establish the ADSL connection to your ISP. To begin using the Setup Wizard, click on the **Run Wizard** button in the middle of the web page. A pop-up menu will appear. This pop-up menu is the **Setup Wizard**. The Setup Wizard procedure consists of four general steps:

1. Set your new password
2. Set Internet connection
3. Set Wireless connection
4. Save configuration

When you setup the Internet connection, you will need to enter information provided by your ISP. The type of information you need depends on the type of connection you are setting up.

② Configuring the Router (continued)

The first window of the Setup Wizard menu lists a summary of the steps required to complete the setup. Click the **Next** button to begin setup and go on to step 1.

Click the **Next** button.

The factory default password is **admin**, you may like change the the password by entering in a new password.

```
Setup Wizard - Microsoft Internet Explorer                    _ □ ×

D-Link                                        Setup Wizard
Building Networks for People

                        Set Password

You may change the admin account password by entering in a new password.
Click Next to continue.

                Old Password  [              ]

                New Password  [              ]

            Reconfirm Password  [              ]




                                    ←    ✖    →    ❶
                                  Back  Cancel Next  Exit
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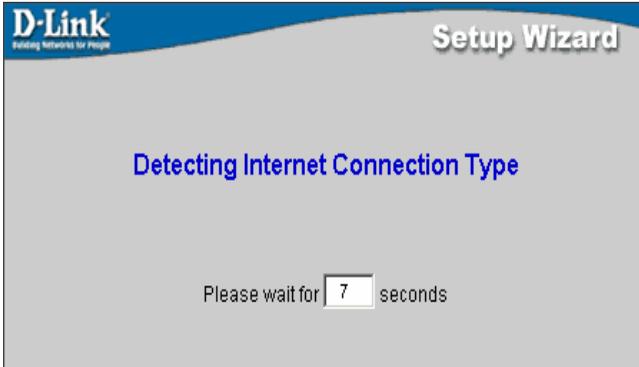
Click the **Next** button.

You will see the **Detecting Internet Connection Type** Screen.

D-Link **Setup Wizard**

Detecting Internet Connection Type

Please wait for ⎡7⎤ seconds

Next, you need to select and set the **Internet Connection Type** for the WAN interfaces. Your ISP has given this information to you. If you do not know what type of connection to use, exit the Set Wizard and contact your ISP for the information. The Setup Wizard menu that appears when you click the next button depends on what connection type you select.

Setup Wizard - Microsoft Internet Explorer

D-Link **Setup Wizard**

Detected Internet Connection Type

1 found RFC1483 SNAP/LLC Bridged PVC on 0/33
2 found PPPoE PVC on 0/33

Select the **Connection Type** used for your ADSL service.

Click the **Next** button.

Back Cancel Next Exit

8

PPPoE/PPPoA Connections

Type in the **Username** and **Password** used to identify and verify your account to the ISP. The **VPI** number and **VCI** number should not be changed unless you have been instructed by ISP to change them. Select the **Connection Type** used for encapsulation specific to your service. Click **Next** when you are ready to continue to the Setup Completed menu. If you are not sure what **Connection Type**, **VPI** and **VCI** to use, please check with your ISP.
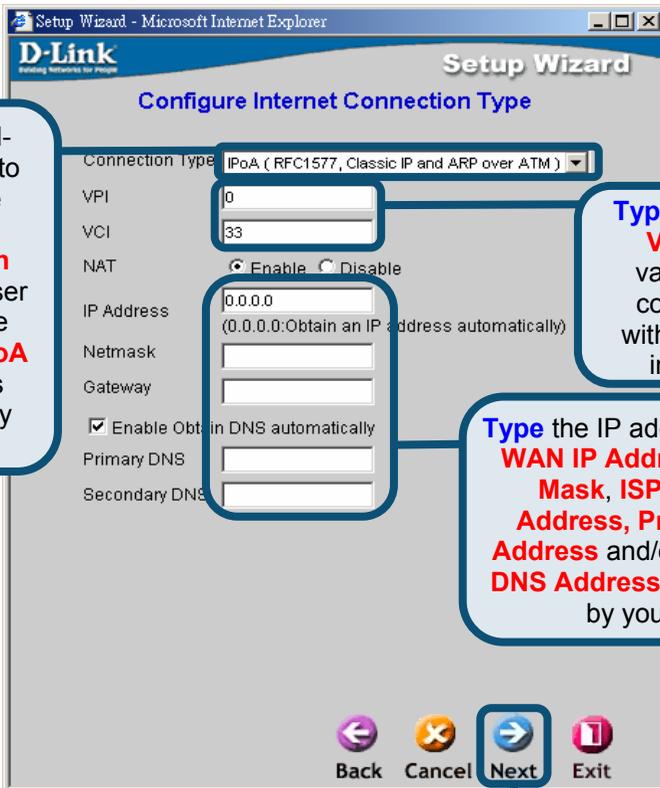
Use the pull-down menu to choose the correct **Connection Type.** The user may choose between **PPPoE** or **PPPoA,** as instructed by your ISP.

Type the **VPI and VCI**, if these values are not correct, check with your ISP for information.

Type the IP addresses for the **WAN IP Address**, **Subnet Mask**, **ISP Gateway Address, Primary DNS Address** and/or **Secondary DNS Address,** as instructed by your ISP.

Type the **Username** and **Password** for your ISP account.

Click the **Next** button.

Setup Wizard - Microsoft Internet Explorer

D-Link

Setup Wizard

Configure Internet Connection Type

Connection Type: PPPoE (RFC2516, PPP over Ethernet)

VPI: 0

VCI: 33

NAT: ⊙ Enable ○ Disable

IP Address: 0.0.0.0
(0.0.0.0:Obtain an IP address automatically)

Netmask:

Gateway:

☑ Enable Obtain DNS automatically

Primary DNS:

Secondary DNS:

Username:

Password:

Back Cancel Next Exit

9

Configuring the Router (continued)

MPoA/IPoA

For this connection type, the user may choose **MPoA** or **IPoA**. The **VPI** number and **VCI** number should not be changed unless you have been instructed by ISP to change them. Select the **Connection Type** used for encapsulation specific to your service. Click **Next** when you are ready to continue to the Setup Completed menu.If you are not sure what **Connection Type**, **VPI** and **VCI** to use, please check with your ISP.

Use the pull-down menu to choose the correct **Connection Type.** The user may choose between **MPoA** or **IPoA,** as instructed by your ISP.

Type the **VPI and VCI**, if these values are not correct, check with your ISP for information.

Type the IP addresses for the **WAN IP Address**, **Subnet Mask**, **ISP Gateway Address, Primary DNS Address** and/or **Secondary DNS Address,** as instructed by your ISP.
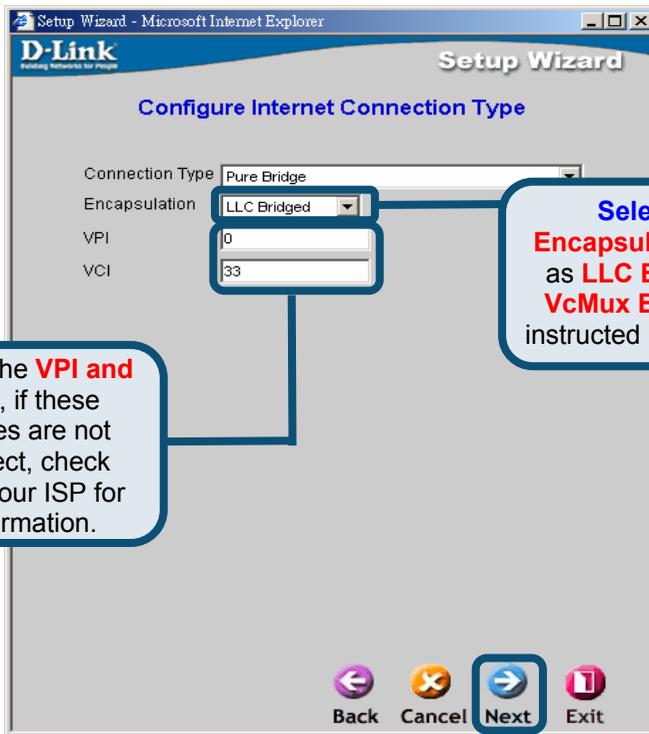
Click the **Next** button.

Pure Bridge

Bridge is used to set the Bridge mode for the Router. The **VPI** number and **VCI** number should not be changed unless you have been instructed by ISP to change them. Select the **Encapsulation** used for encapsulation specific to your service. Click **Next** when you are ready to continue to the Setup Completed menu.If you are not sure what **Connection Type**, **VPI** and **VCI** to use, please check with your ISP.
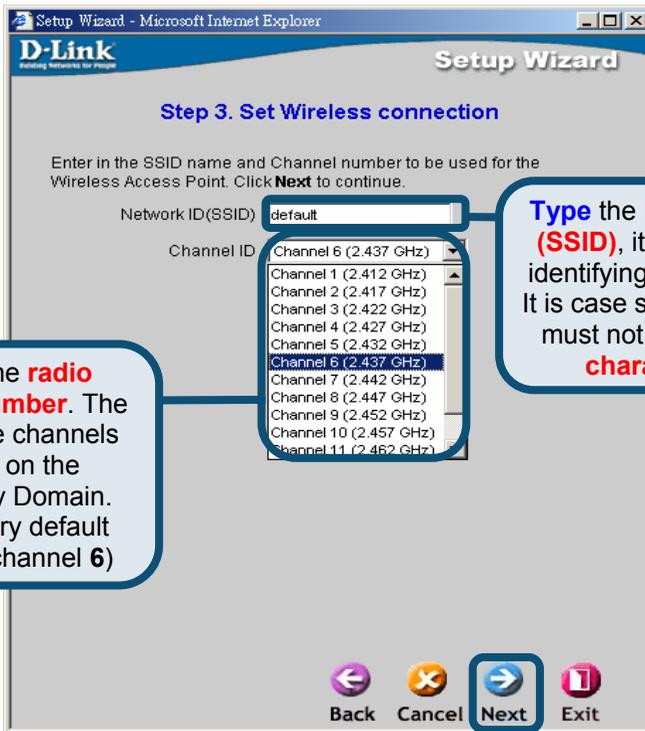

Next, you will see the **Set Wireless connection** Screen.

② Configuring the Router (continued)

Set Wireless connection

For this connection type, the user can enter the SSID name and Channel number to be used for the Wireless Access Point.

Setup Wizard - Microsoft Internet Explorer

D-Link

Setup Wizard

Step 3. 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 ID Channel 6 (2.437 GHz)

- Channel 1 (2.412 GHz)
- Channel 2 (2.417 GHz)
- Channel 3 (2.422 GHz)
- Channel 4 (2.427 GHz)
- Channel 5 (2.432 GHz)
- Channel 6 (2.437 GHz)
- Channel 7 (2.442 GHz)
- Channel 8 (2.447 GHz)
- Channel 9 (2.452 GHz)
- Channel 10 (2.457 GHz)
- Channel 11 (2.462 GHz)

Type the **Network ID (SSID)**, it is used for identifying the WLAN. It is case sensitive and must not excess **32 characters**.

Select the **radio channel number**. The permissible channels depend on the Regulatory Domain. (The factory default setting is channel **6**)
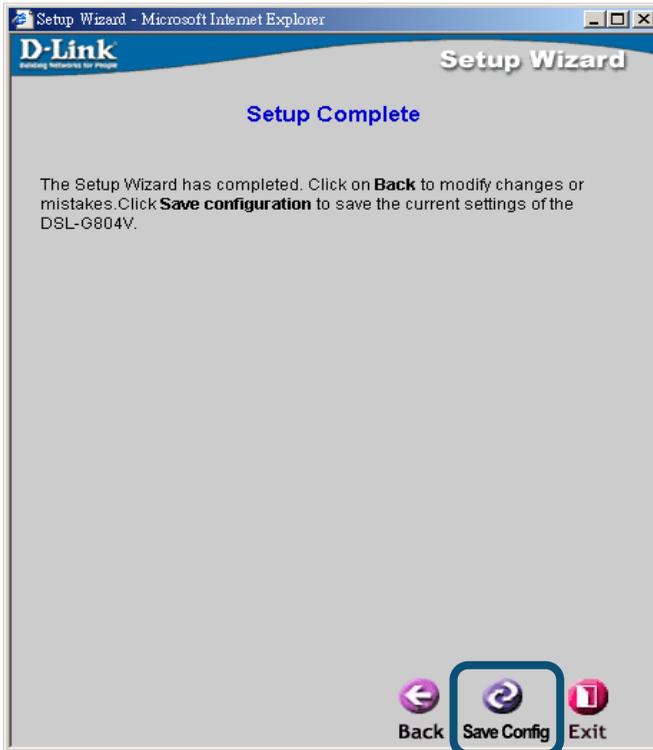
Back   Cancel   Next   Exit

Click the **Next** button.

Setup Complete

All the settings for the ADSL connection are now completed. Click the **Save Config** button to save the new settings and restart the Router. It will take about two minutes to restart the Router.
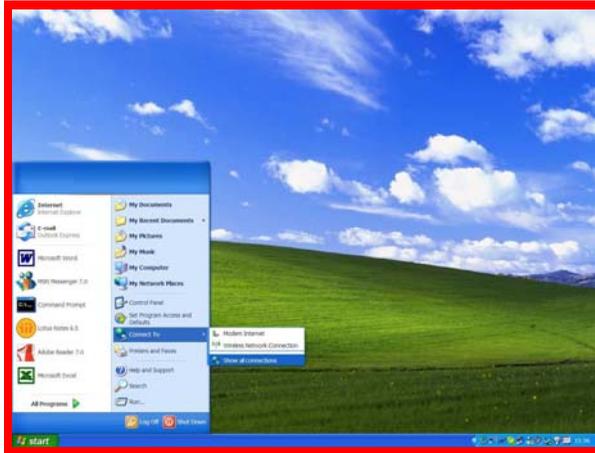

Click the **Exit** button when the message appears informing you that the "Save Config to FLASH Successful". You can now launch your web browser to access the Internet.
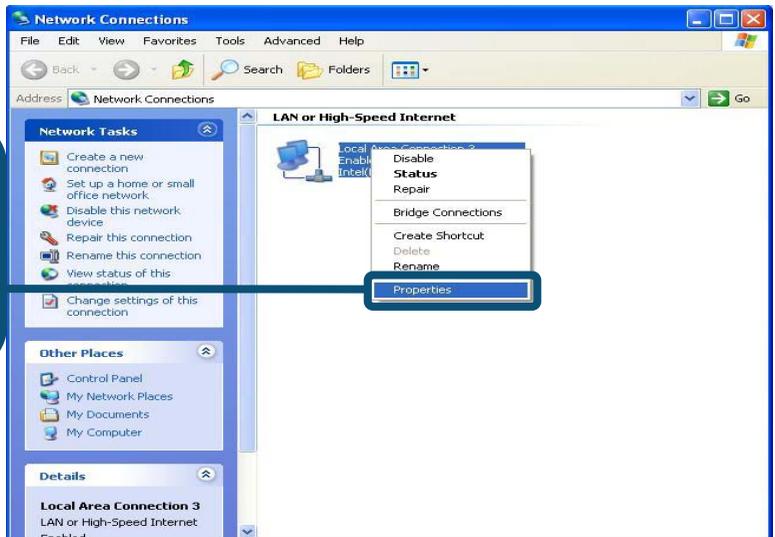
Appendix A

Configuring IP Settings in Windows XP

Use the following steps to configure a computer running Windows XP to be a DHCP client.
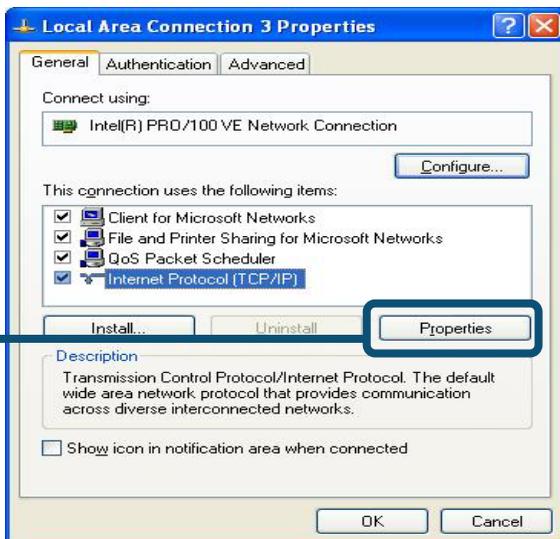

1. From the **Start** menu on your desktop, go to **Connect To**, then click on **Show all Connections**.
2. In the **Network Connections** window, right-click on **LAN** (Local Area Connection), then click **Properties**.

Right-click on the Local Area Connection icon and **Select** the **Properties** option from the pull-down menu.
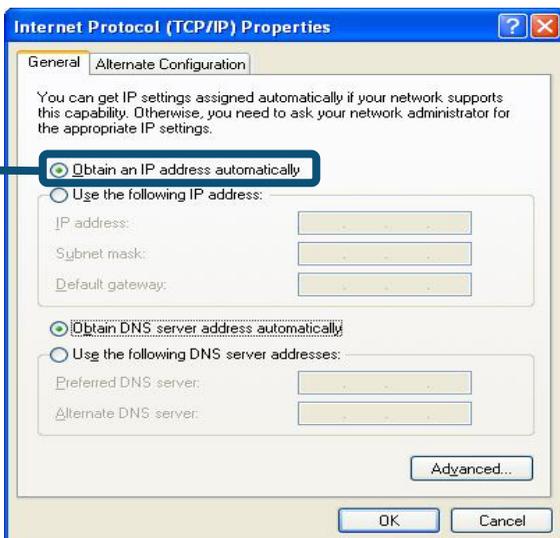
3. In the **General** tab of the **Local Area Connection Properties** menu, highlight **Internet Protocol (TCP/IP)** under "This connection uses the following items:" by clicking on it once. Click on the **Properties** button.

Click Properties

4. Select "**Obtain an IP address automatically**" by clicking once in the circle. Click the OK button.

Select Obtain an IP address automatically in the Internet Protocol (TCP/IP) Properties window

MEMO

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