# D-Link
# Quick Installation Guide

This product can be set up using any current web browser, i.e., Internet Explorer 6x or Netscape Navigator 7x.

## DSL-G624T
### Wireless ADSL Router

## Before You Begin

1. If you purchased this Router to share your high-speed Internet connection with other computers, you must have an established Internet account from an Internet Service Provider (ISP).

2. It's best to use the same computer that is connected to your router for configuring the DSL-G624T Wireless ADSL Router. The DSL-G624T acts as a DHCP server and will assign all the necessary IP address information on your network. See below in 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

- DSL-G624T shown with antenna and stand

- CD-Rom containing the user manual and warranty

- Ethernet Cable    (CAT 5 UTP straight-through)

- ADSL Cable (standard telephone cable)

- 12V, 1.2A Power Adapter

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

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

# **1** Connecting the Router to Your Computer

**Antenna**

For good wireless reception

**Reset Button**

Push to return to default settings

**ADSL Port**

Connect ADSL line here

**LAN Ports**

Connects to your PC on the Ethernet LAN

**Power Input**

Connect to AC power adapter
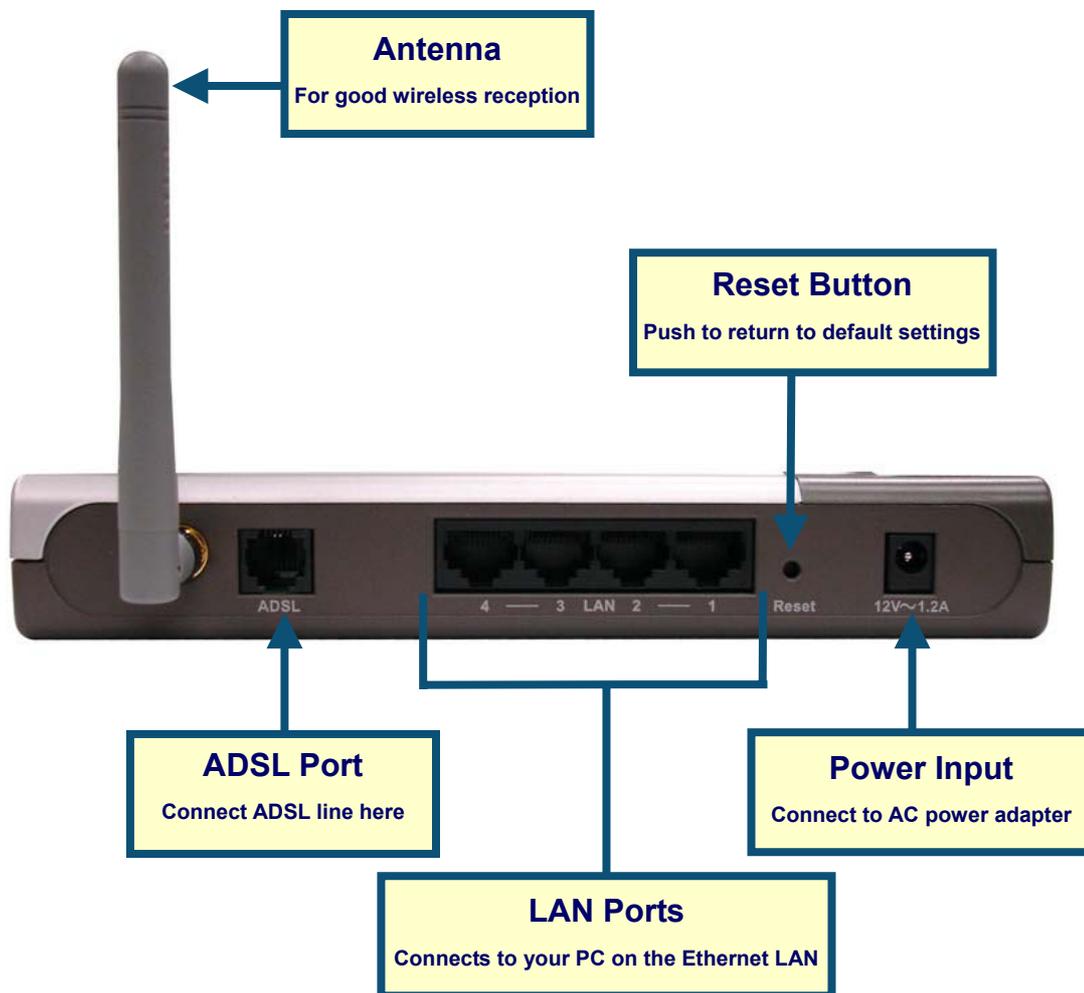
**A.** First, connect the power adapter to the power input at the back panel of the DSL-G624T, then plug the other end of the power adapter to a wall outlet or power strip. On the front of the device, the Power LED will turn ON to indicate proper operation.

**B.** Insert one end of the Ethernet cable into an Ethernet (LAN) port on the back panel of the DSL-G624T and the other end of the cable to an Ethernet Adapter or available Ethernet port on your computer.

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

# 2 Configuring the Router

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** and read the instructions provided. You may also read the User Manual for instructions on changing IP settings for computers running Windows operating systems.

> **To connect to the network, make sure the network adapter in your computer is configured properly.**
>
> **Read the Appendix at the end of this guide to read how to configure the network adapter to obtain an IP address automatically using Windows XP.**
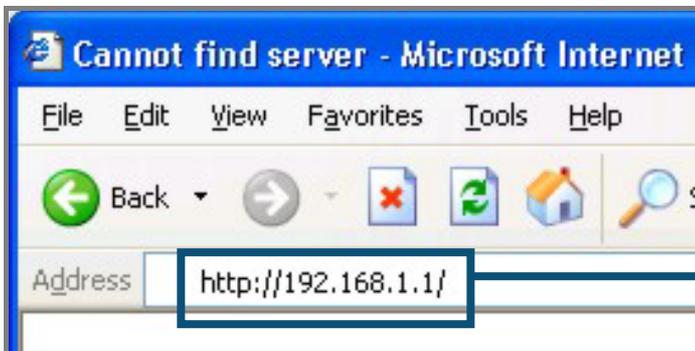
**Open your Web browser** and type **"http://192.168.1.1"** into the URL address box. Then press the Enter or Return key. The login prompt appears.

**Type "admin"** for the **User Name** and **"admin"** in the **Password** field.

**Click OK**

# 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 ADSL Internet Service Provider (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 three general steps:

1. Choose your time zone
2. Set Internet connection
3. Save & Restart

**Please see the user manual for information on setting up wireless operation.**



**Click Run Wizard**
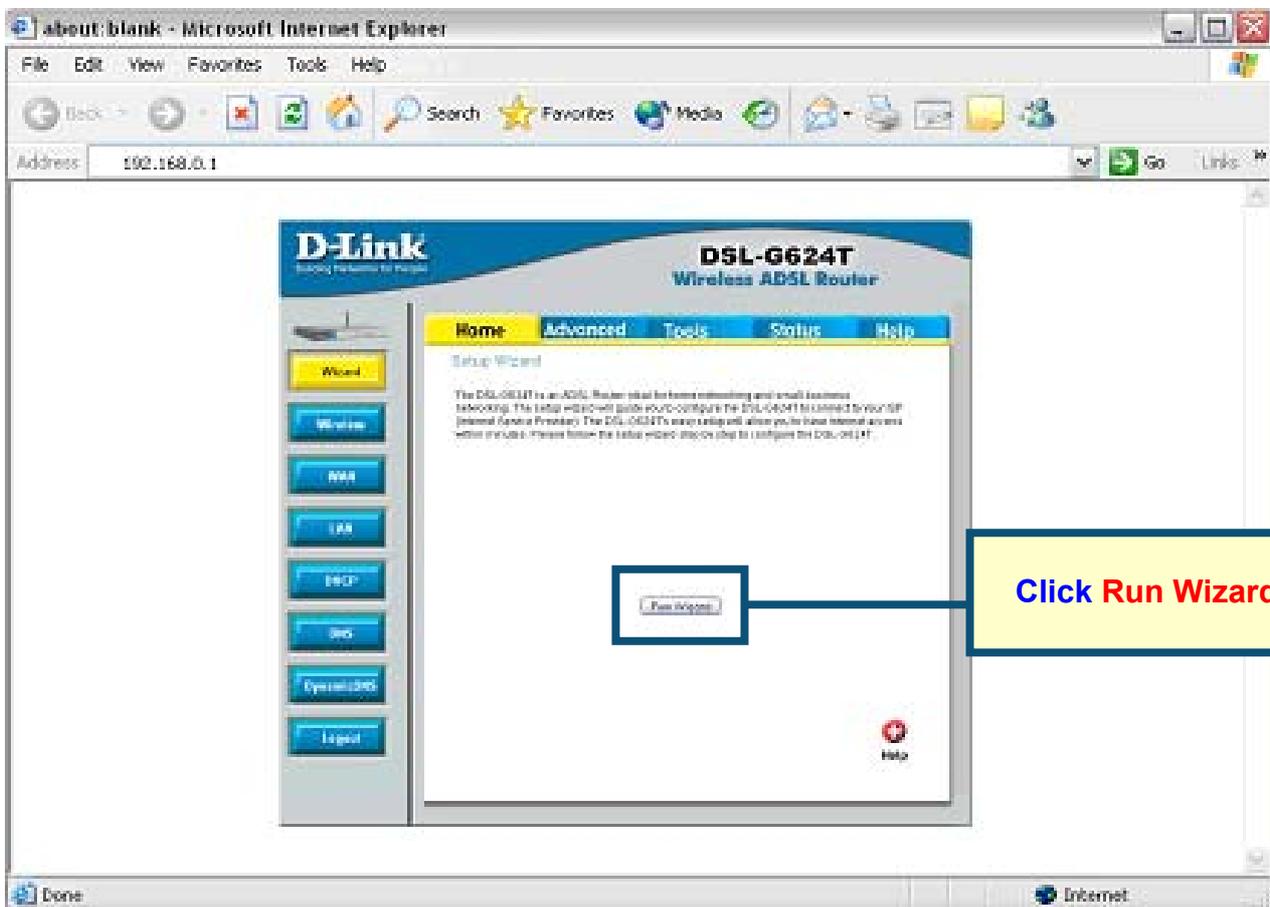
# 2 Configuring the Router (continued)

The first Setup Wizard menu lists a summary of the steps required to complete the setup. Click the **Next** button to begin setup.



**Click Next**
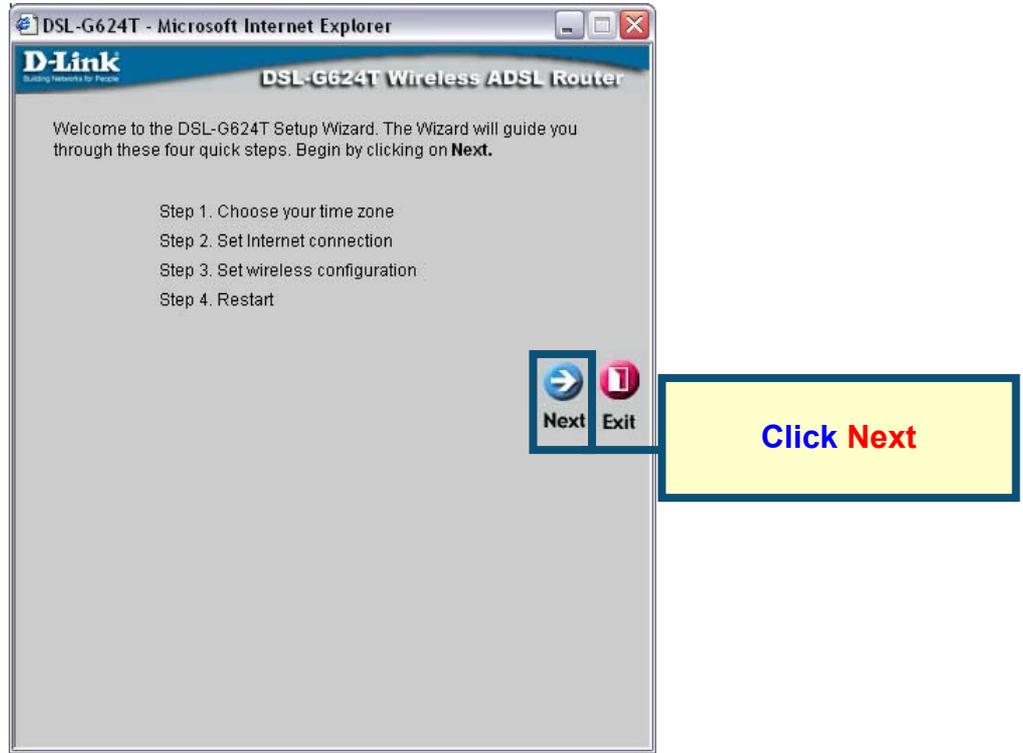
Now configure the **Time Zone** used for the Router's system clock. Select the appropriate time zone setting for your location.



Select the **Time Zone** in which you are located.

**Click Next**
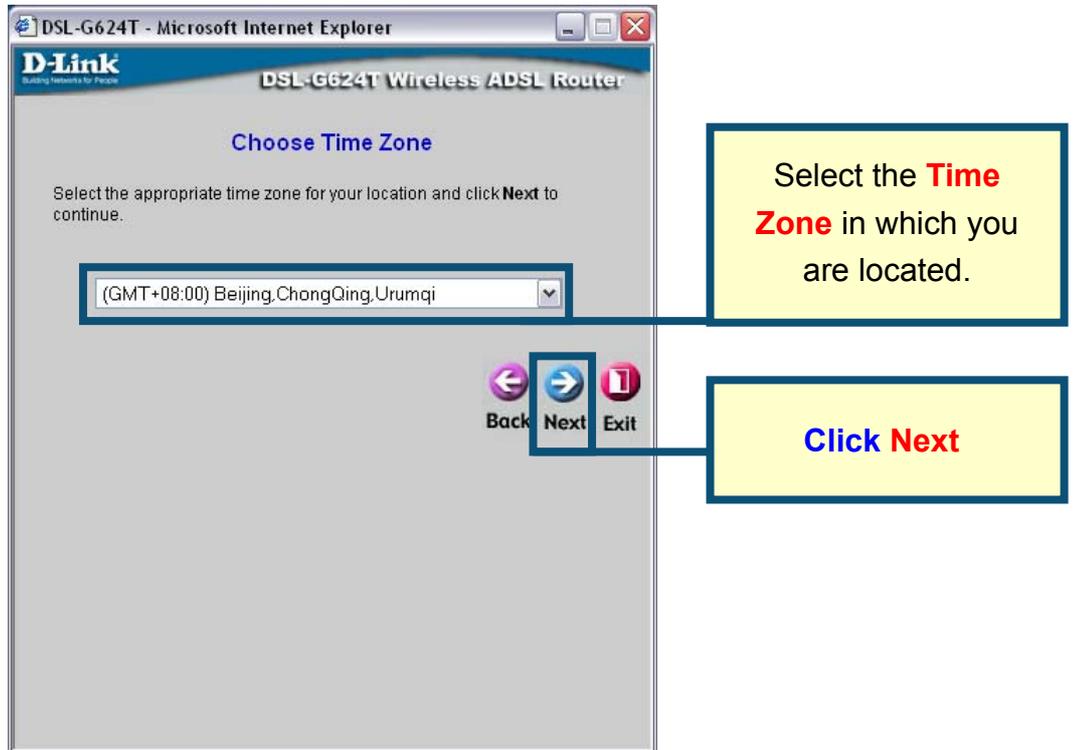
# **2** Configuring the Router (continued)

Next you will **Select the Internet Connection Type** for the WAN interface. Your ISP has given this information to you. If you do not know what type of connection to use, exit the Setup 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. The connection types available in the Setup Wizard menu are PPPoE/PPPoA, Dynamic IP Address, Static IP Address and Bridge Mode. Follow the instructions below for the type of connection you are using.

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

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**Select Internet Connection Type (WAN)**

Select the connection type to connect to your ISP. Click **Next** to continue

- ○ PPPoE/PPPoA

  Choose this option if your ISP uses PPPoE/PPPoA. (For most DSL users)

- ○ Dynamic IP Address

  Choose this option to obtain an IP address automatically from your ISP.

- ○ Static IP Address

  Choose this option to set static IP information provided to you by your ISP.

- ○ Bridge Mode

  Choose this option if your ISP uses Bridge Mode.

**Click Next**

Back  Next  Exit

# ② Configuring the Router (continued)

## PPPoE/PPPoA Connections

If you selected the PPPoE/PPPoA connection type in the previous menu, you will see the Setup Wizard menu pictured here. Type in the **Username** and **Password** used to identify and verify your account to the ISP. If you have been instructed to change the **VPI** number and **VCI** number, type in the new values. Select the **Connection Type** used for encapsulation specific to your service. Click **Next** when you are ready to continue the **Setup Completed** menu.
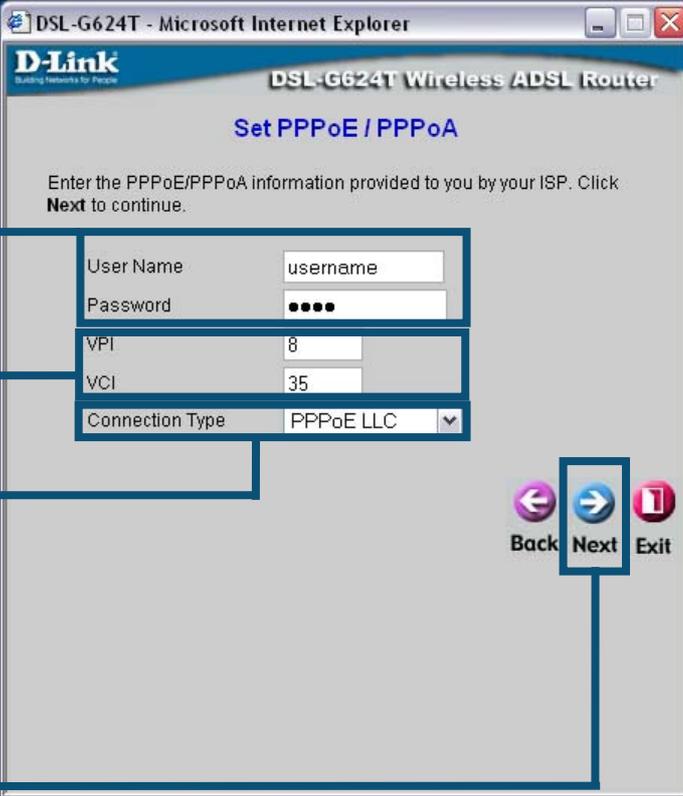
**Type** the **Username** and **Password** for your ISP account.

Change the **VPI** and **VCI** numbers as instructed by your ISP by **Typing** in the new values.

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

**Click** the **Next** button. Skip ahead to the **Set Wireless LAN** menu.
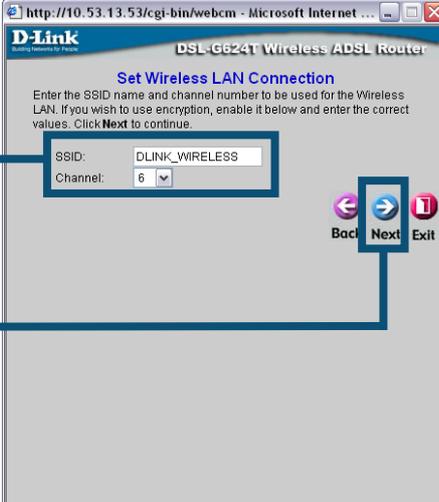
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Set PPPoE / PPPoA

Enter the PPPoE/PPPoA information provided to you by your ISP. Click **Next** to continue.

| User Name | username |
| Password | •••• |
| VPI | 8 |
| VCI | 35 |
| Connection Type | PPPoE LLC |

Back  Next  Exit

The **Set Wireless LAN Connection** window is for the wireless side of your router. Enter the WLAN name for your network in the **SSID** field and choose the wireless channel to be used for your WLAN from the **Channel** pull down menu**.**

**Click** the **Next** button. Skip ahead to the **Setup Completed** menu.

http://10.53.13.53/cgi-bin/webcm - Microsoft Internet ...

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Set Wireless LAN Connection

Enter the SSID name and channel number to be used for the Wireless LAN. If you wish to use encryption, enable it below and enter the correct values. Click **Next** to continue.

| SSID: | DLINK_WIRELESS |
| Channel: | 6 |

Back  Next  Exit

# Configuring the Router (continued)

## Dynamic IP Address Connections

If you selected the Dynamic IP Address connection type, select the **Connection Type** used for encapsulation. If you have been instructed to change the **VPI** number and **VCI** number, type in the new values. Click **Next** when you are ready to continue the Setup Completed menu.

Change the **VPI** and **VCI** numbers as instructed by your ISP by **Typing** in the new values.

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

The **"Clone MAC Address"** button will automatically copy the MAC address of the network adapter in your computer. You can also manually type in the MAC address.

**Click** the **Next** button. Skip ahead to the **Setup Completed** menu.



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**Set Dynamic IP Address**

The **Clone MAC Address** is used to copy the MAC address of your Ethernet adapter to the DSL-G624T. Click **Next** to continue.

| VPI | 8 |
| VCI | 35 |

Connection Type   1483 Bridged IP LLC

Cloned MAC Address

Clone MAC Address

**What is a MAC address?** Each network adapter has a discrete Media Access Control (MAC) address. Note that some computers and peripherals may already include built-in network adapters.

Back   Next   Exit

Some ISP's store the MAC address of your computer's Ethernet address on their DHCP server. This can cause problems for the Router and other computers connecting through the Router. To use the MAC address from your computer, type the MAC address of your computer's Ethernet adapter in the **Cloned MAC Address** entry field and click the Clone MAC Address button to save to transfer it to the Router.

# Configuring the Router (continued)

## Static IP Address Connections

If you selected the Static IP Address connection type, change the WAN **IP Address**, **Subnet Mask**, **ISP Gateway Address** and (if available) **Secondary DNS Server** IP address as instructed by your ISP. Select the **Connection Type** used for encapsulation. If you have been instructed to change the **VPI** number and **VCI** number, type in the new values. Click **Next** when you are ready to continue the **Setup Completed** menu.

Change the **VPI** and **VCI** numbers as instructed by your ISP by **Typing** in the new values.

**Type** the IP addresses for the WAN **IP Address**, WAN **Subnet Mask**, **ISP Gateway Address** and **Primary/Secondary DNS Server**.

**Select** the **Connection Type** as instructed by your ISP.

**Click** the **Next** button. Skip ahead to the **Setup Completed** menu.

For some IPoA Static IP Address Connection Types, it may be necessary to enter an IP address for an ARP server. Use the **ARP Server Address** entry field for IPoA connections if necessary.

# ② Configuring the Router (continued)

## Bridge Connections

If you selected the Bridge connection type, select the **Connection Type** used for encapsulation. If you have been instructed to change the **VPI** number and **VCI** number, type in the new values. Click **Next** when you are ready to continue the **Setup Completed** menu.

Change the **VPI** and **VCI** numbers as instructed by your ISP by **Typing** in the new values.

**Select** the **Connection Type** as instructed by your ISP.

**Click** the **Next** button. Skip ahead to the **Setup Completed** menu.

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**Setting Bridge Mode**

Enter the bridge information provided to you by your ISP. Click **Next** to continue.

VPI          8
VCI          35
Connection Type     1483 Bridged IP LLC

Back   Next   Exit

## Setup Completed

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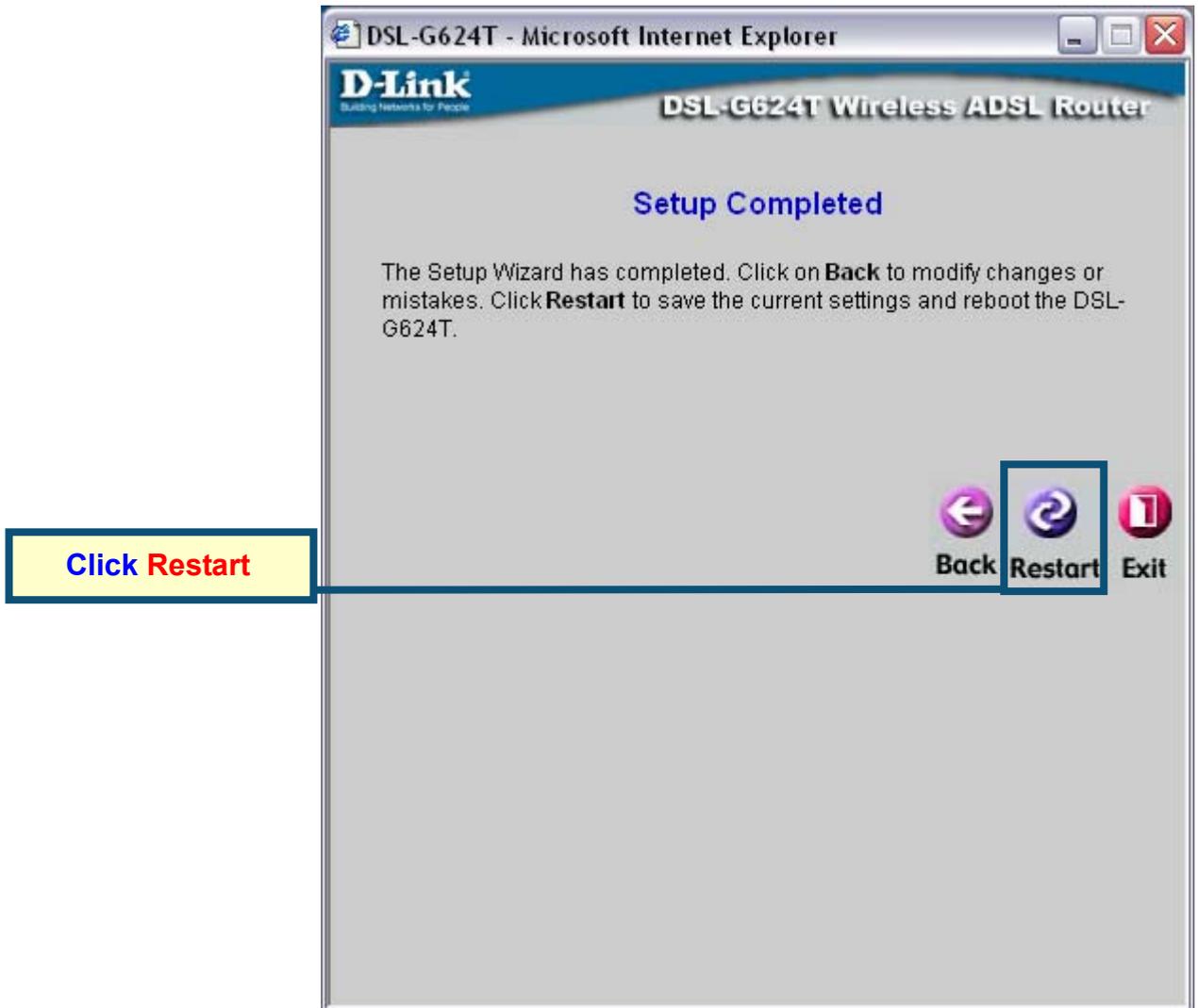
**Click Restart**

While the Router is restarting, **DO NOT TURN OFF THE ROUTER.** Click the **Exit** button when the message appears informing you that the "device has rebooted successfully". You can now launch your web browser to access the Internet.

# Appendix

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-ROM.

# 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 **Settings**, then click on **Network Connections**.
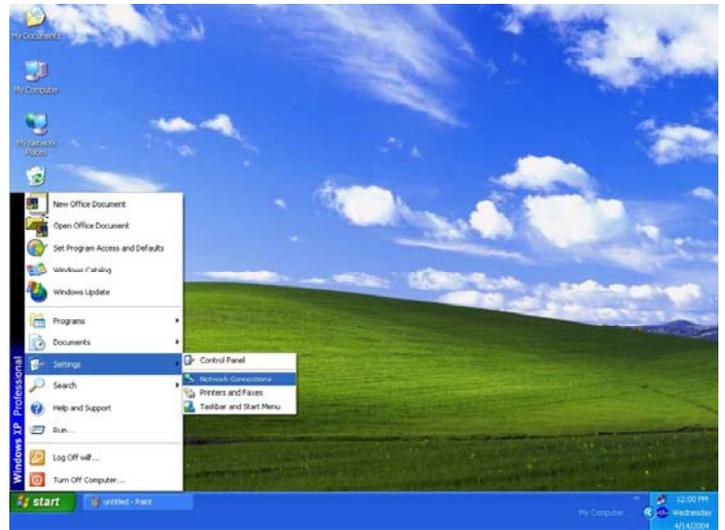
2. In the **Network Connections** window, right-click on **LAN** (Local Area Connection), then click **Properties**.

**Right-click** on the Local Area Connection icon and **Select** the **Properties** option from the pull-down menu.

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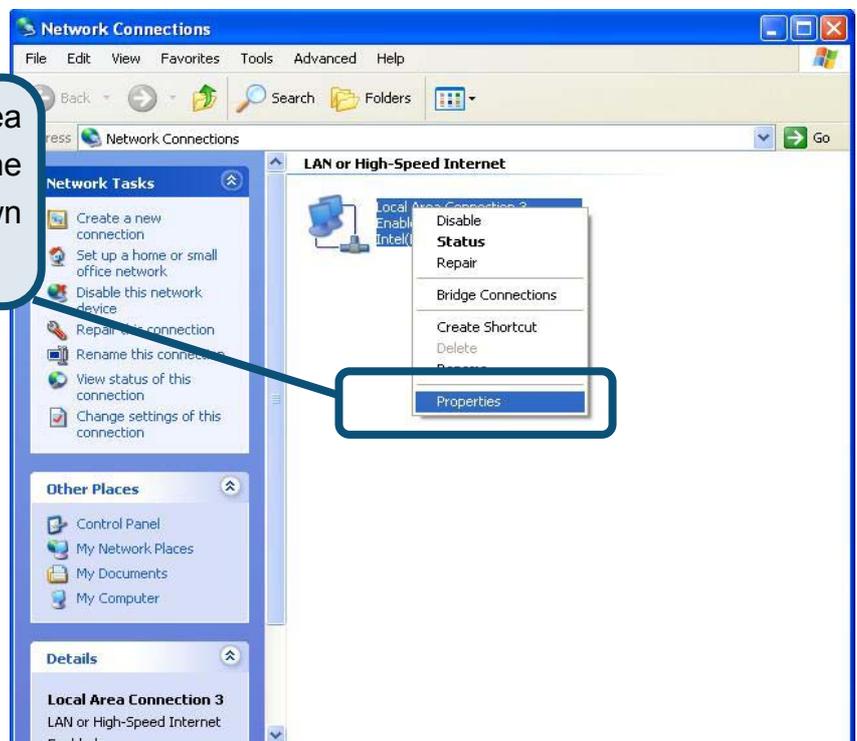
3. In the **General** tab of the **Local Area Connection Properties** menu, highlight **Internet Protocol (TCP/IP)** under "This connection uses the following items:" by clicking on it once. Click on the **Properties** button.



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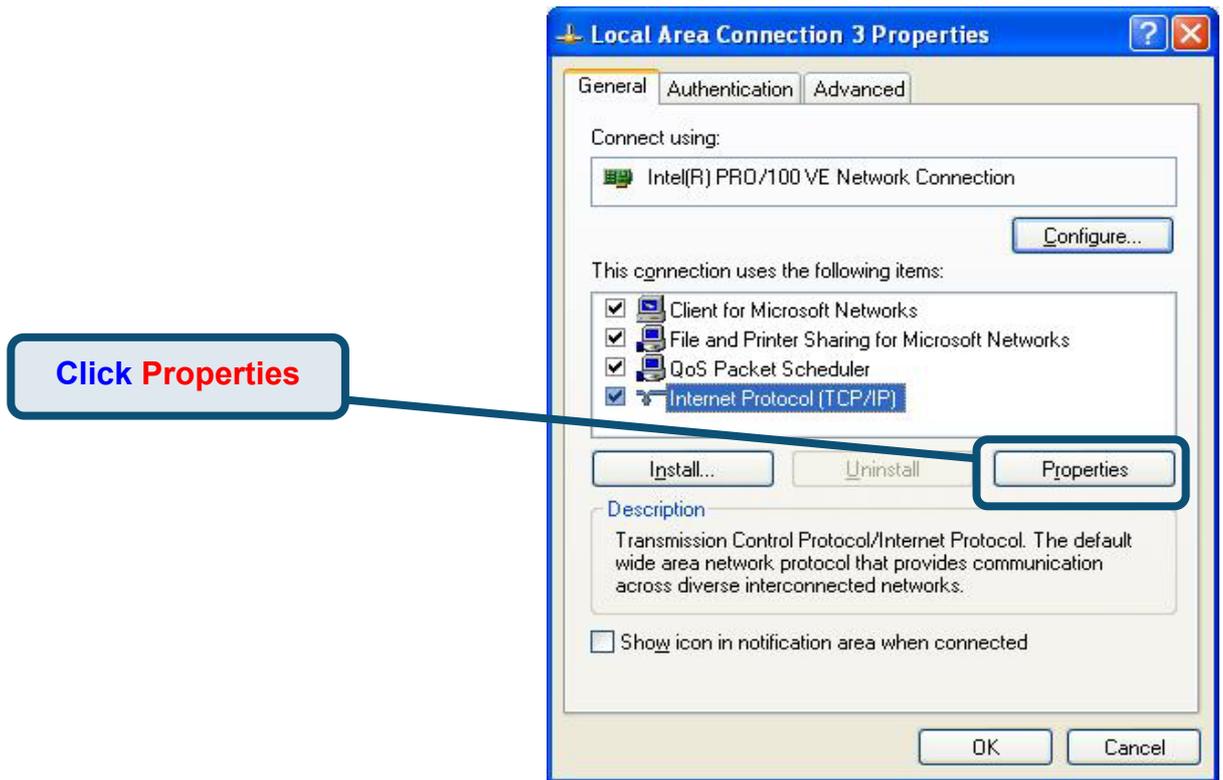
4. Select "**Obtain an IP address automatically**" by clicking once in the circle. Click the OK button.



**Select Obtain an IP address automatically** in the Internet Protocol (TCP/IP) Properties window
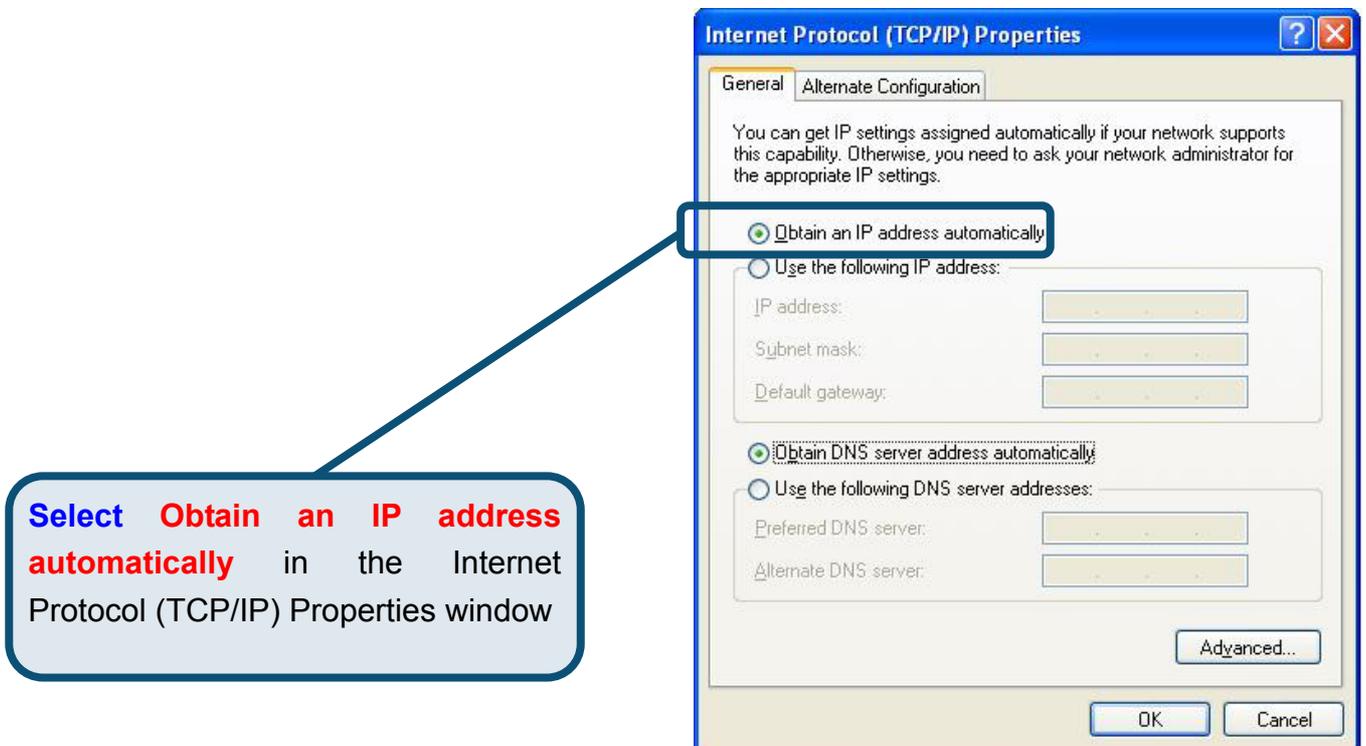
Your computer is now ready to use the Router's DHCP server.

# Technical Support

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

D-Link provides free technical support for customers within Canada,
the United Kingdom, and Ireland.

Customers can contact D-Link technical support through our websites,
or by phone.

**For Customers within**

**The United Kingdom & Ireland:**

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

08456 12 0003 (United Kingdom)

+44 8456 12 0003 (Ireland)

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

Sat & Sun 10.00 am to 7.00 pm GMT

*D-Link UK & Ireland Technical Support over the Internet:*

http://www.dlink.co.uk

ftp://ftp.dlink.co.uk

**For Customers within Canada:**

*D-Link Canada Technical Support over the Telephone:*