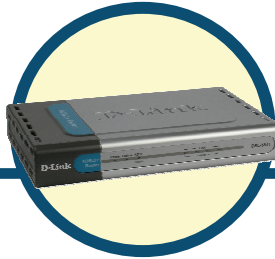# D-Link
Quick Installation Guide

This product can be set up using any current web browser, i.e., Internet Explorer 6, Netscape Navigator 6.2.3, Mozilla or Firefox.
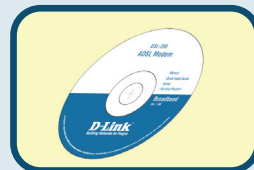
DSL-584T
ADSL2+ Router

Before You Begin

Make sure you have all the necessary information and equipment on hand before beginning the installation.

Check Your Package Contents

DSL-584T ADSL Router

CD-ROM (containing User Manual)

Ethernet (CAT5 UTP) Cable

Telephone

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

Power Adapter

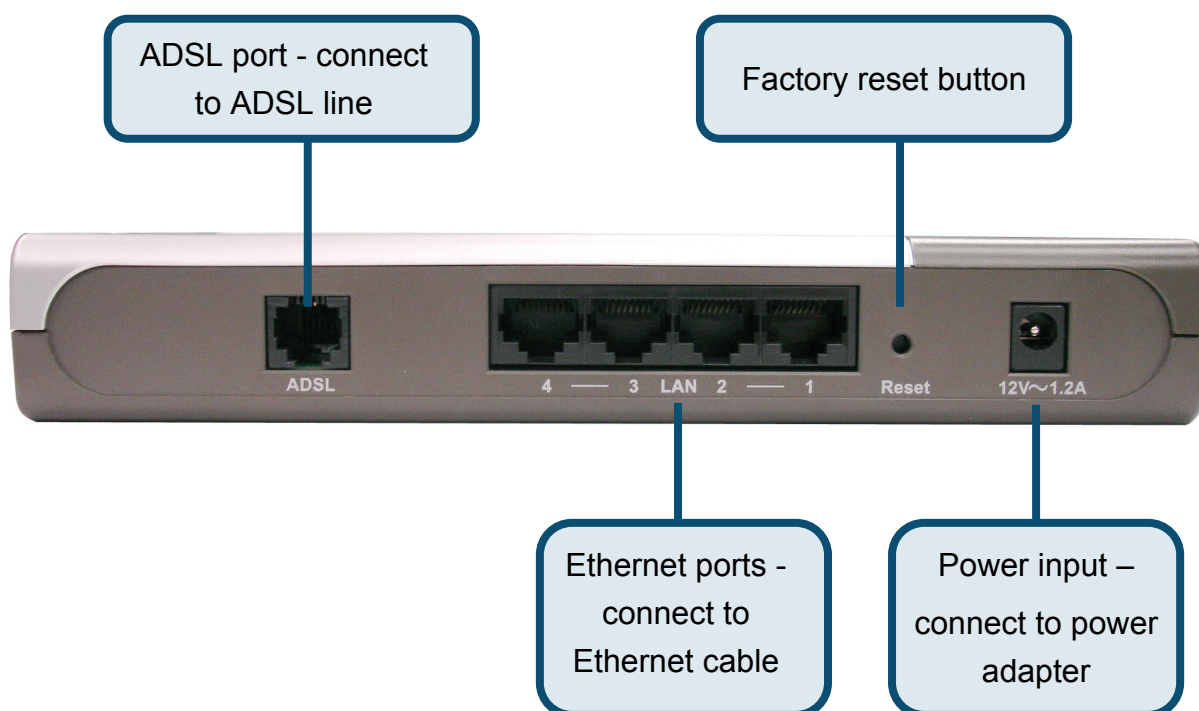If any of the above items is missing, please contact your reseller.

① Connecting the Router to Your Computer

A. First, connect the power adapter to the **receptor** at the back panel of the DSL-584T and then plug the other end of the power adapter to a wall outlet or power strip. The Power LED will turn **ON** to indicate proper operation.

B. Insert one end of the Ethernet cable into any **Ethernet port** on the back panel of the DSL-584T and the other end of the cable to an **Ethernet Adapter** or available Ethernet port on your computer.

C. Insert one end of the **Telephone cable** into the **ADSL port** on the rear panel of the Router and insert the other end into the wall socket. If you need to install a low pass filter, follow the instructions of your ISP.

Connecting the DSL-584T to your network

Rear Panel Connections

All cable connections to the Router are made at the rear panel. Connect the power adapter here to power on the Router. Use the Reset button to restore the settings to the factory default values in the next chapter for instructions on using the reset button.

ADSL port - connect to ADSL line

Factory reset button

Ethernet ports - connect to Ethernet cable
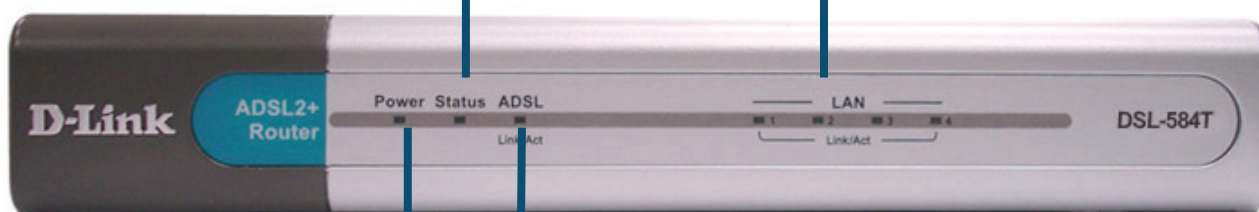
Power input – connect to power adapter

2

1 Connecting the Router to Your Computer

Front Panel Connections

The LED indicators on the front panel include the **Power**, **Status**, **ADSL** and **Ethernet** indicators.

Status: A blinking green LED indicates the device is in proper working order. A system failure will result in the LED lighting solid or going dark.
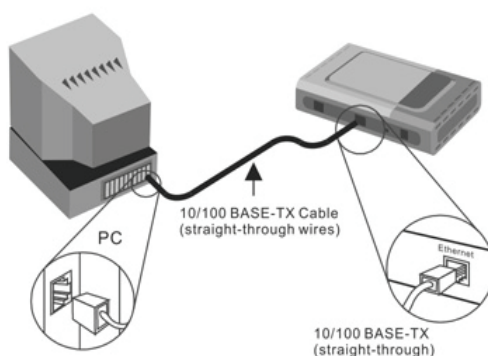
Ethernet Link/Act: A steady green light indicates a valid Ethernet connection while a blinking LED indicates an active Ethernet session.

Power: a steady light indicates the DSL-584T is ready.

ADSL Link/Act: A steady green light indicates a valid ADSL connection. A blinking LED will signify an active WAN session

Your setup should resemble the one shown below.

2 Configuring the Router

You can select two methods to configure your new router. The first method is by using **D-Link Click'n Connect Utility,** which is included on the CD designed to run on Windows XP/2000. Just follow the instructions step by step to configure your router for Internet access for the first time.

The second method 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 the 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.

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 page appears.

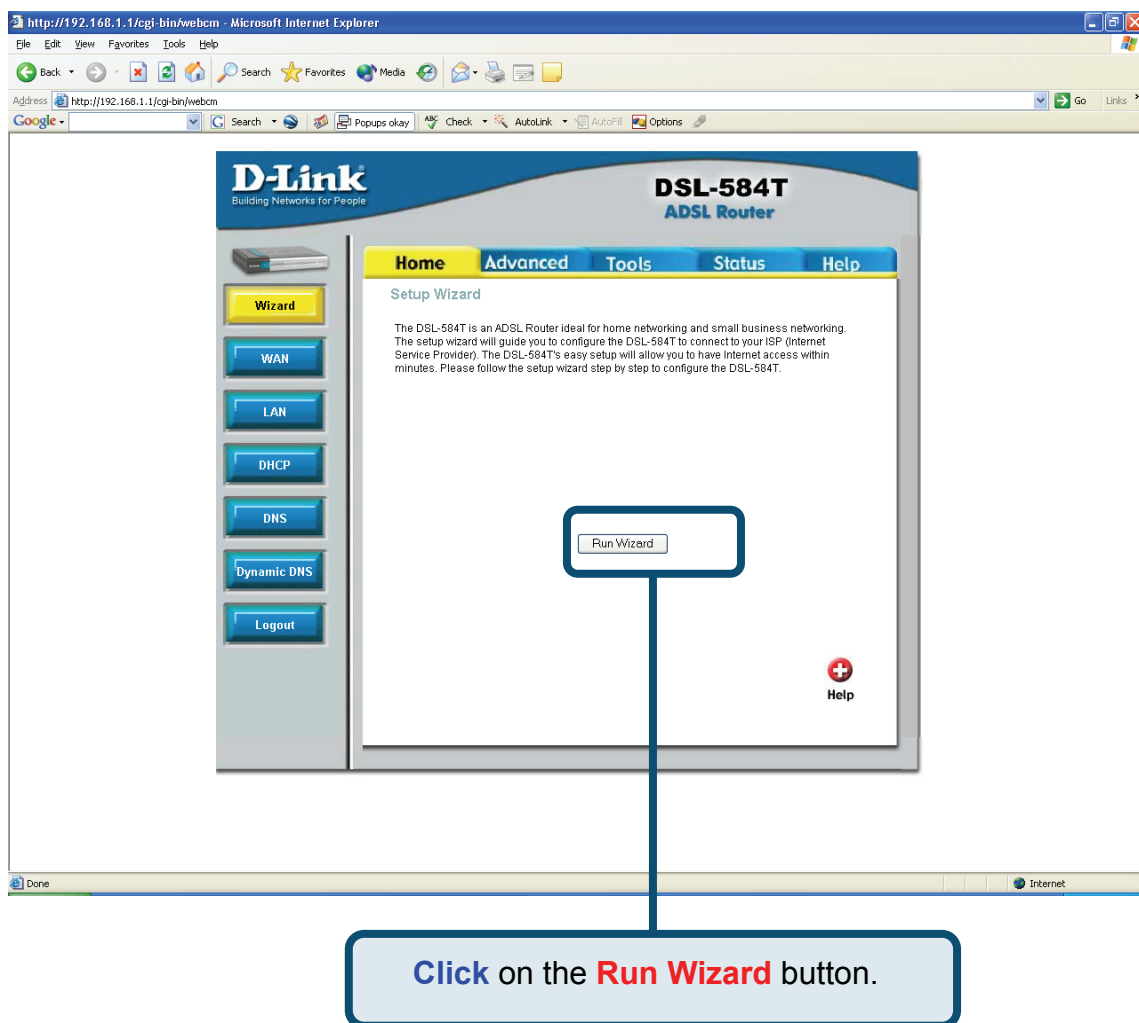**Type "admin"** for the **User Name** and **"0000"** in the **Password** field.

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 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. Choose your time zone

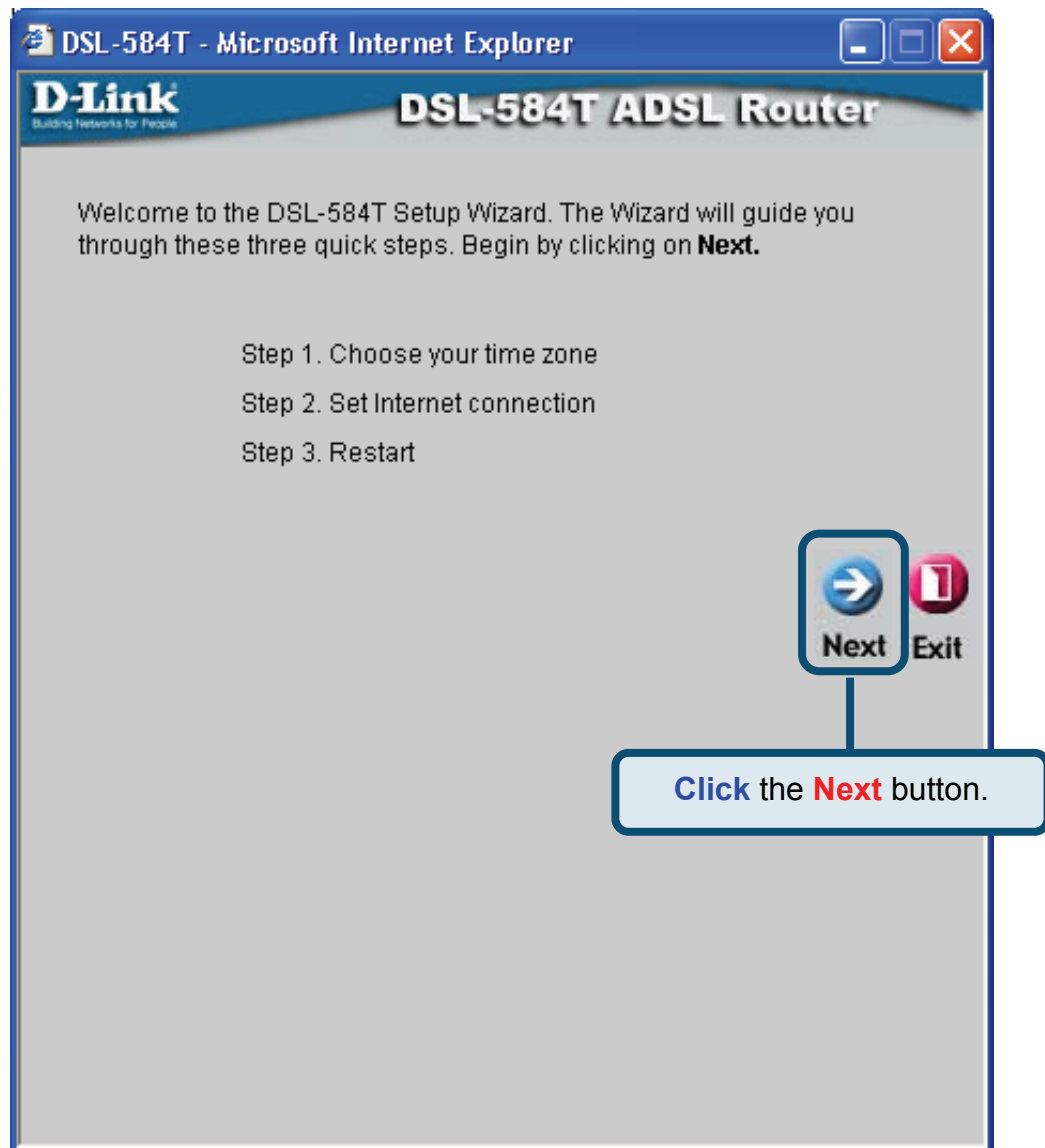2. Set Internet Connection

3. Restart

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.

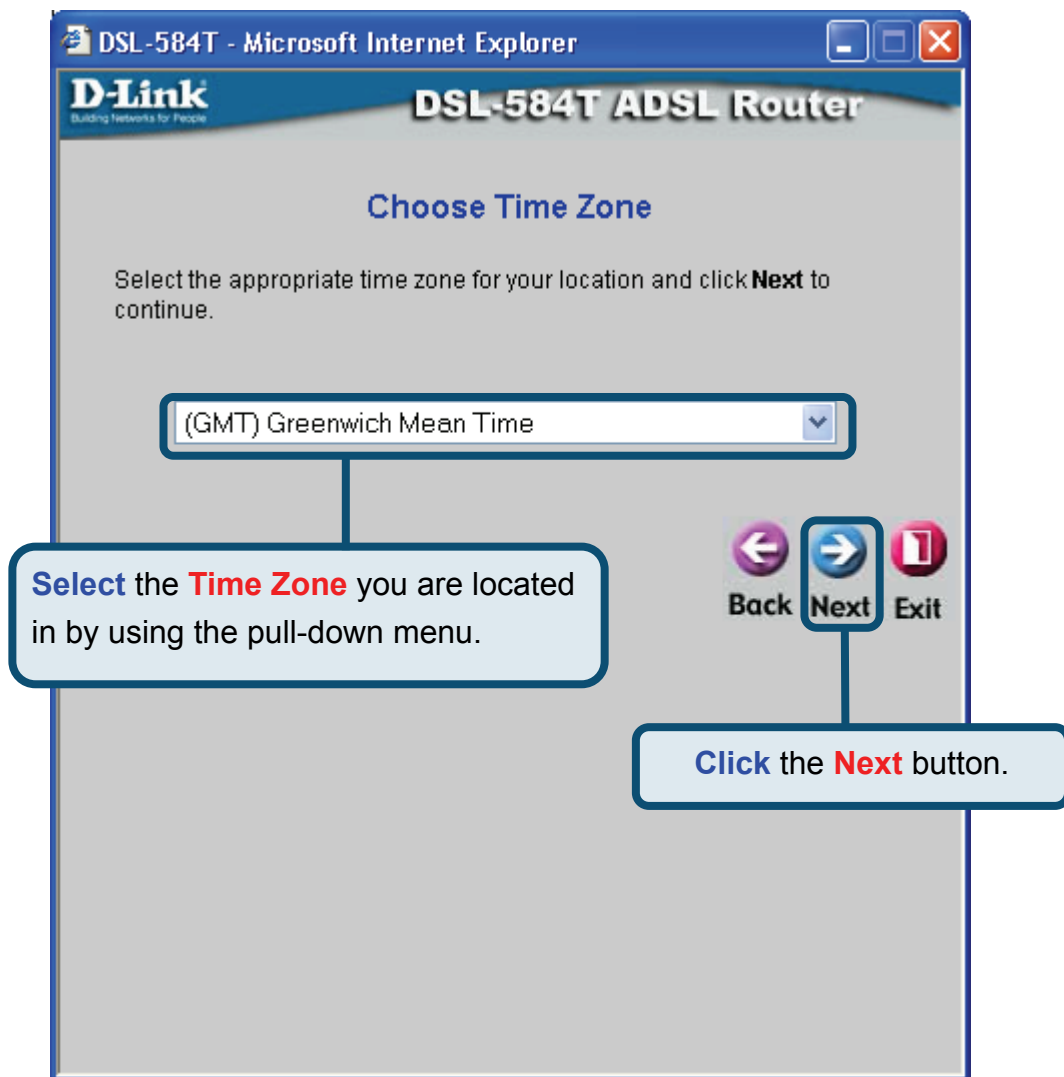**Click** on the **Run Wizard** button.

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.

DSL-584T - Microsoft Internet Explorer

D-Link Building Networks for People

DSL-584T ADSL Router

Welcome to the DSL-584T Setup Wizard. The Wizard will guide you through these three quick steps. Begin by clicking on **Next.**

Step 1. Choose your time zone

Step 2. Set Internet connection

Step 3. Restart

Next   Exit

Click the **Next** button.
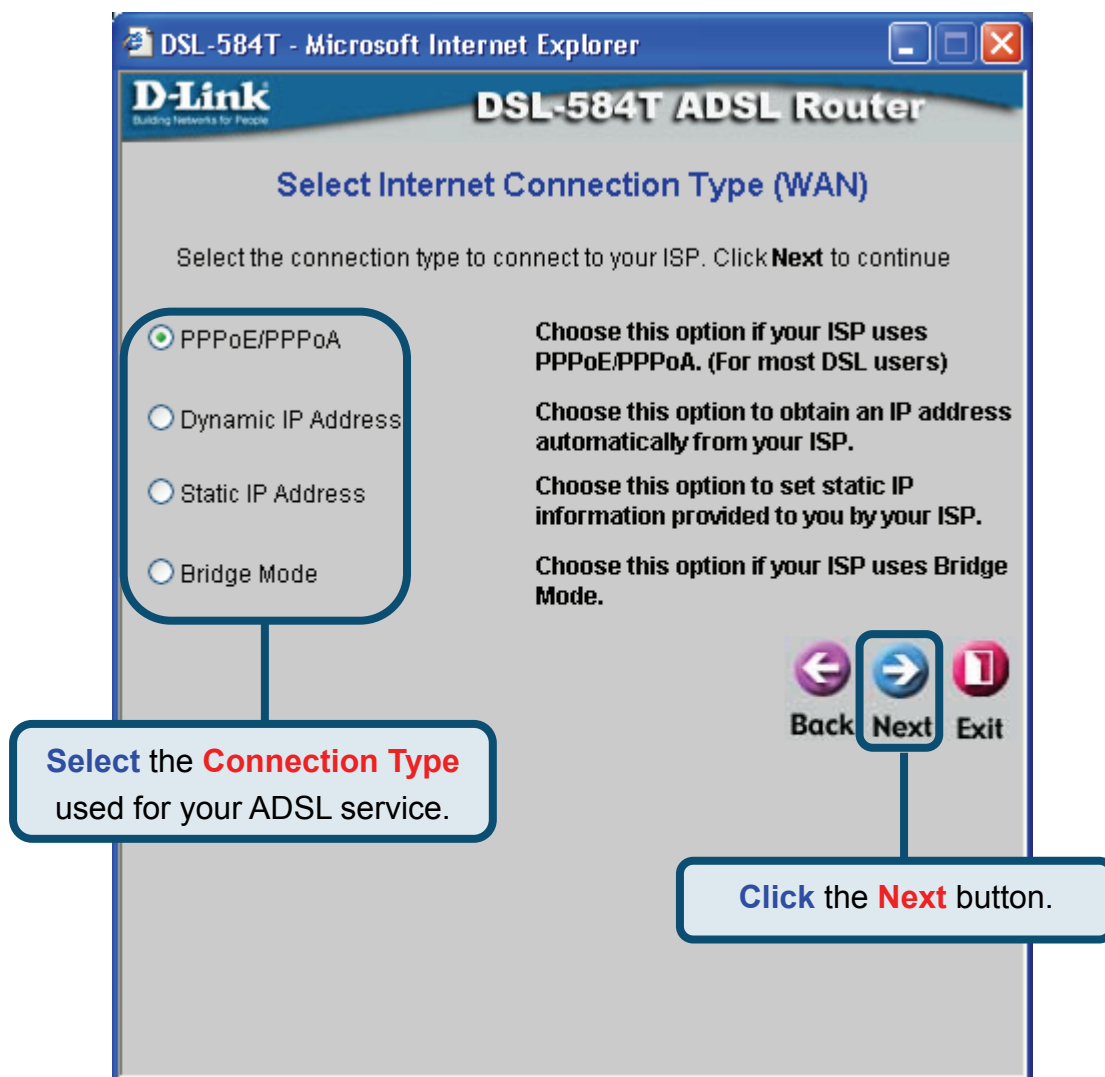
2 Configuring the Router (continued)

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

2 Configuring the Router (continued)

Next you will **Set 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.

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. Enter the VPI and VCI numbers that have been provided by your ISP. 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.

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

Enter the **VPI** and **VCI** numbers that have been provided by your ISP.

Choose the correct Connection Type from the pull-down menu. The user may choose between **PPPoA VC-Mux**, **PPPoE LLC** or **PPPoA LLC**, as instructed by your ISP.

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

2 Configuring the Router (continued)

Dynamic IP Address Connections

For this connection type, the user may choose **Bridged IP LLC** or **Bridged IP VC-Mux**. Both of these connections require the user to have additional software located on their computer to negotiate the connection with the ISP. Both **Bridged** modes will automatically set the network connections. If you selected the Dynamic IP Address connection type, select the **Connection Type** used for encapsulation and 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.

Enter the **VPI** and **VCI** numbers that have been provided by your ISP.

Select the Encapsulation as **1483 Bridged IP LLC** or **1483 Bridged IP VcMux** as instructed by your ISP.

The Cloned MAC Address field is used to copy the MAC Address of your Ethernet Adapter to the router. **Enter** the **MAC Address** into the space provided and click the Clone Mac Address button**.**

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

② Configuring the Router (continued)

Bridged Connections

Bridged is used to set the Bridged mode for the Router. This window is for users who have software on their computer or other network device to take the connection from your ISP. You may change the PVC (Permanent Virtual Channel) settings and the Connection Type.

Enter the **VPI** and **VCI** numbers that have been provided by your ISP.

Select the **Connection Type** as **1483 Bridged IP LLC** or **1483 Bridged IP VC-Mux** as instructed by your ISP.

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

2 Configuring the Router (continued)

Static IP Connections

Static IP is used to set the Static IP mode for the Router. Static IP is used whenever a known static IP address is assigned. The accompanying information such as the Subnet mask and the gateway should also be specified in order to be able to connect. These are the servers would enable you to have access to other web servers. Information entered here must come from your ISP. You may change the PVC (Permanent Virtual Channel) settings and the Encapsulation.

Enter the **VPI** and **VCI** numbers that have been provided by your ISP.

DSL-584T - Microsoft Internet Explorer

D-Link
Building Networks for People

DSL-584T ADSL Router

Set Static IP Address

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

VPI	8
VCI	35
IP Address	0.0.0.0
Subnet Mask	
ISP Gateway Address	
ARP Server Address	0.0.0.0
Primary DNS Address	168.95.1.1
Secondary DNS Address	
Connection Type	1483 Routed IP LLC

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.

Select the **Connection Type** as **1483 Bridged IP LLC**, **1483 Bridged IP VC-Mux, 1483 Routed IP LLC, 1483 Routed IP VC-Mux** or **IPoA,** as instructed by your ISP.
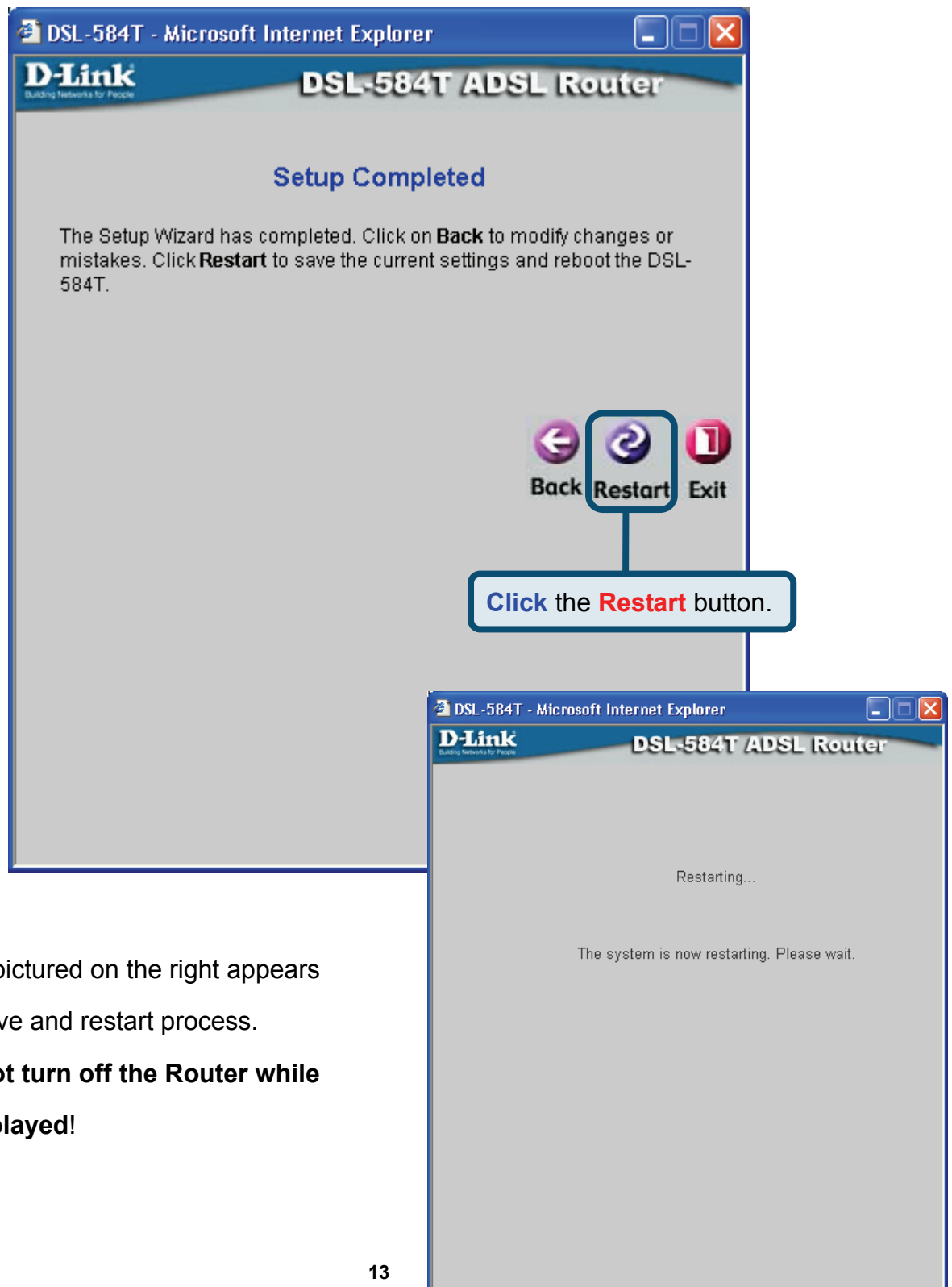
Back Next Exit

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

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 the **Restart** button.

The window pictured on the right appears

during the save and restart process.

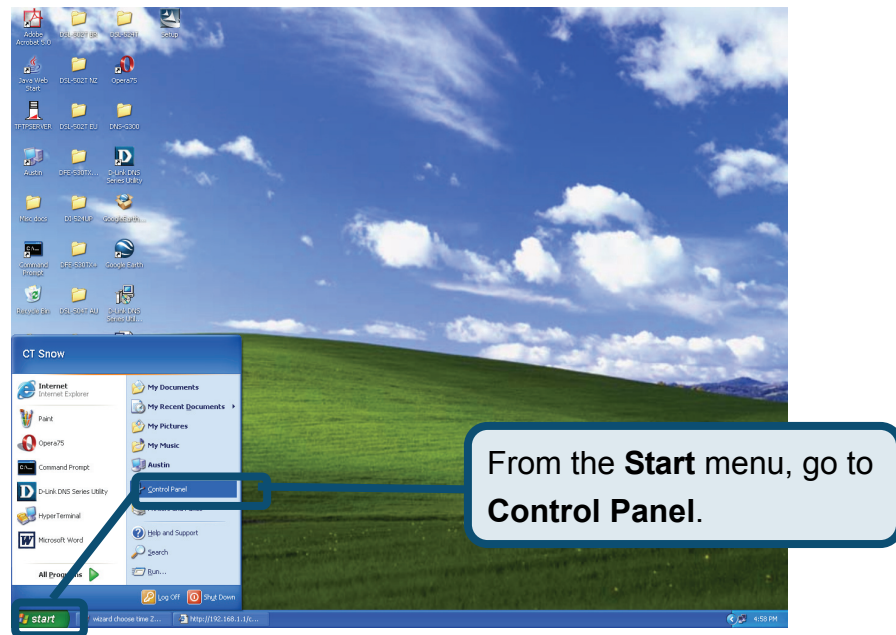**Please do not turn off the Router while**

it is still displayed!

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.
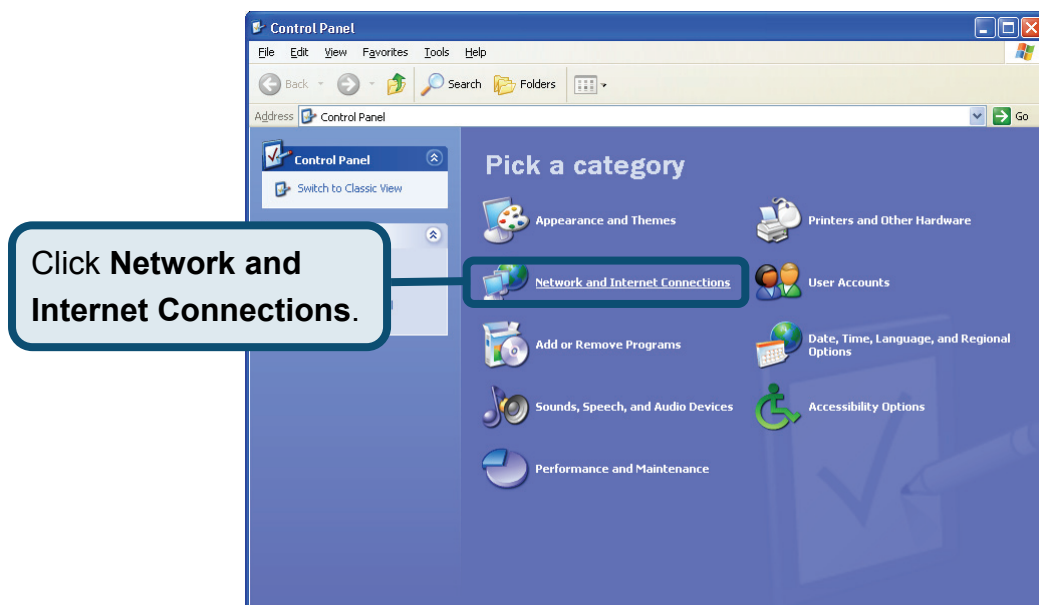
Configuring IP Settings in Windows XP

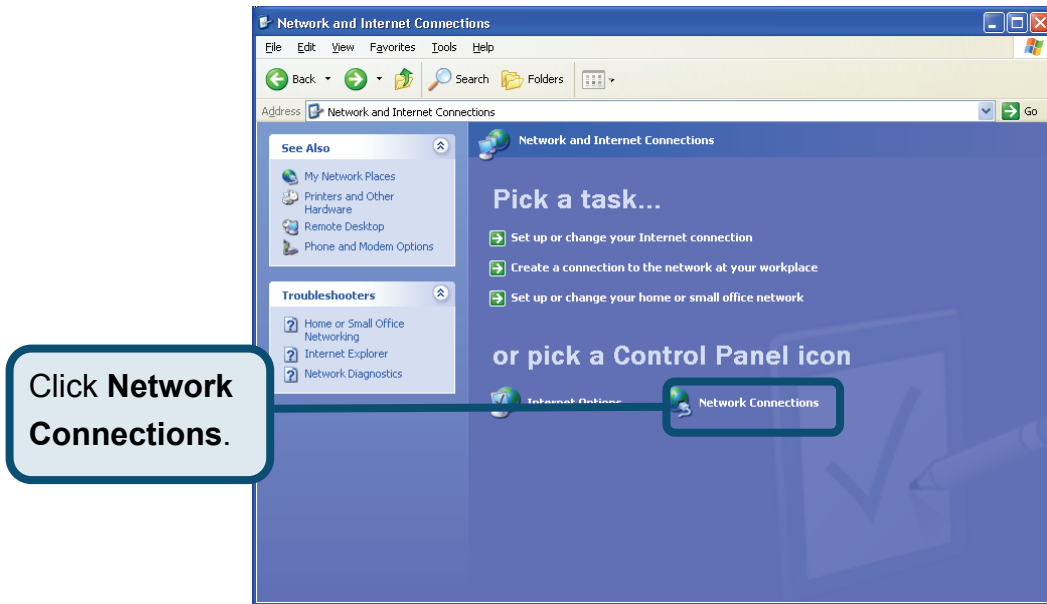Use the following steps to configure a computer running Windows XP to be a DHCP client.

1. From the **Start** menu on your desktop, go to **Control Panel**.

From the **Start** menu, go to **Control Panel**.

2. In the Control Panel window, click **Network and Internet Connections**.

Click **Network and Internet Connections**.

3. In the Network and Internet Connections window, click **Network Connections**.

Click **Network Connections**.

4. In the Network Connections window, right-click on **Local Area Connection**, then click **Properties**.

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