

# D-Link Quick Installation Guide

This product can be set up using any current web browser, i.e., Internet Explorer 6 or Netscape Navigator 6.2.3.



**DSL-504G**  
ADSL Router

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## Before You Begin

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

## Check Your Package Contents



**DSL-504G ADSL Router**



**CD-ROM (containing User Manual)**



**Ethernet (CAT5 UTP) Cable**



**Telephone Cable**



**Power Adapter**



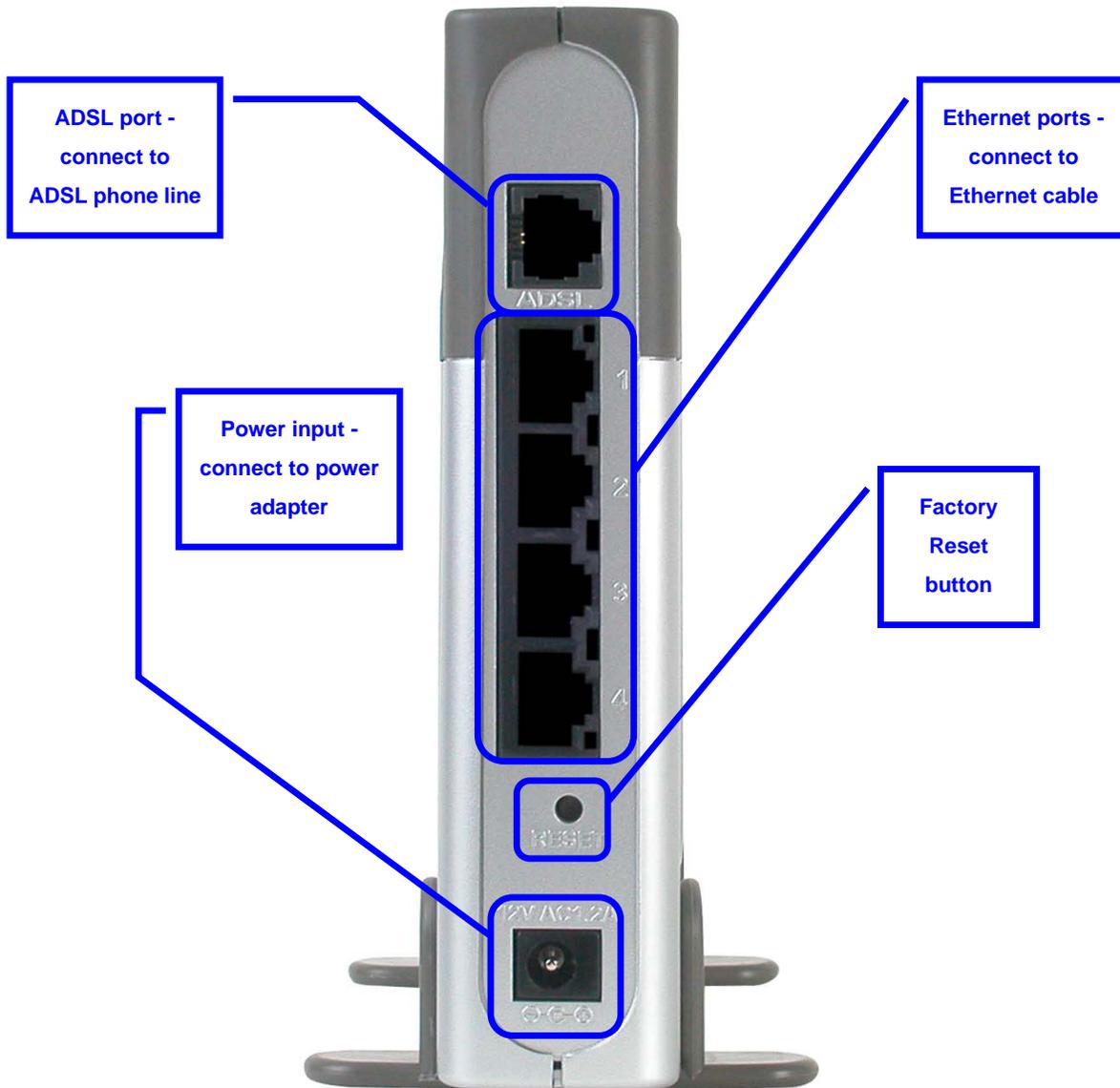
Using a power supply with a different voltage rating will damage and void the warranty for this product.

If any of the above items are 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-504G Router 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-504G 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 ADSL phone line wall socket. If you need to install a low pass filter, follow the instructions come with the filter or from your ISP.



# 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** at the back 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://10.1.1.1**” into the URL address box. Then press the **Enter** or **Return** key. The Login page appears.

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

Click **OK**

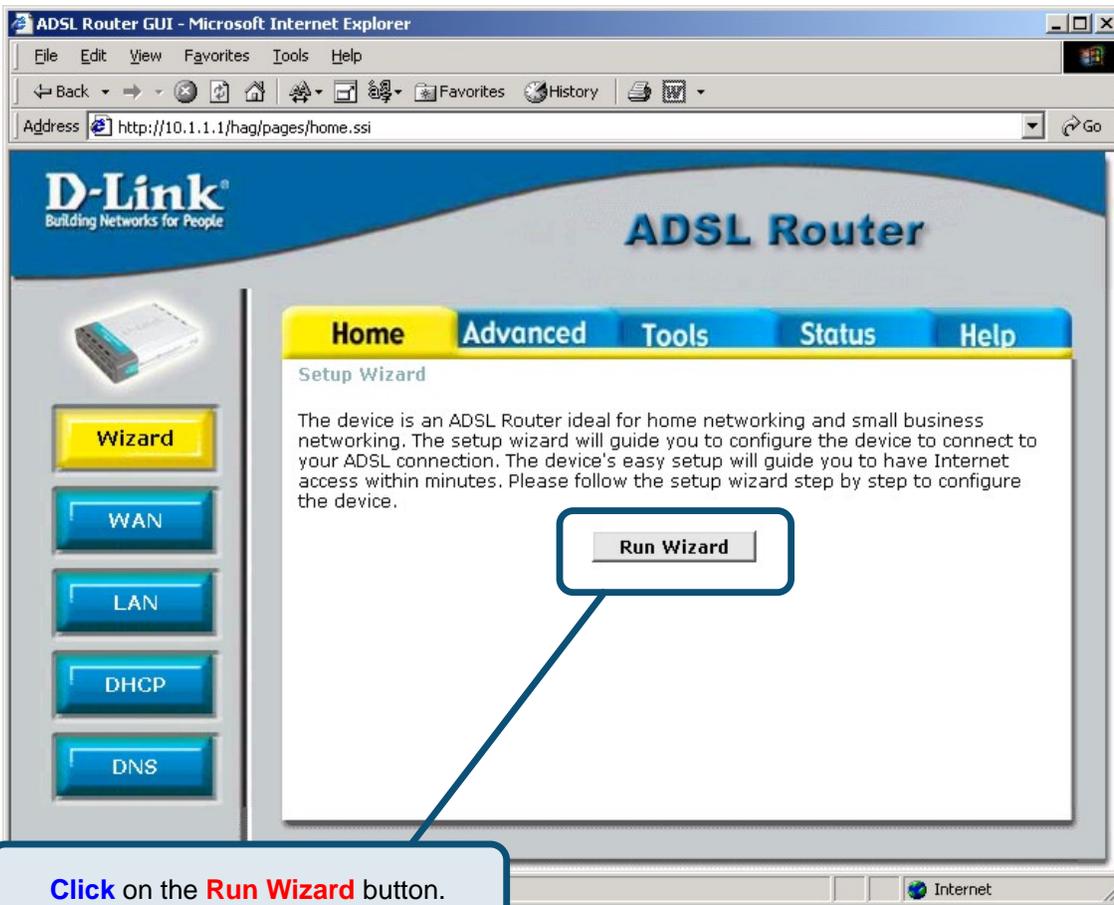
# 2

## 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 four general steps:

1. Set the system admin password
2. Set the time zone
3. Set the Internet connection
4. Restart the Router

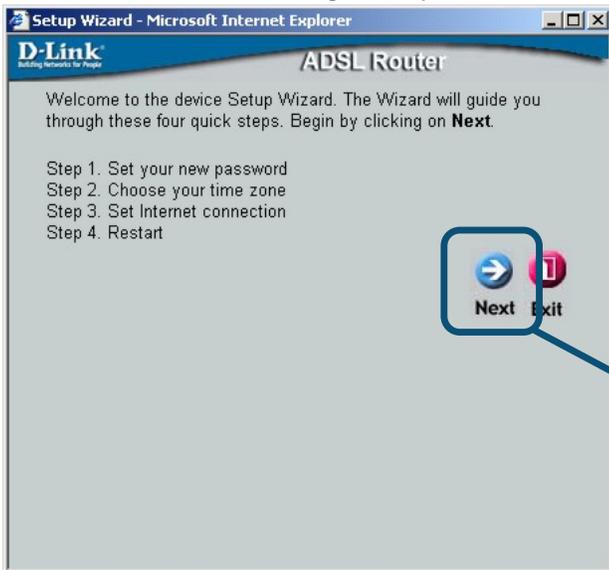
When you setup the Internet connection, you will need to enter the information provided to you from your ISP. The type of information you need depends on the type of connection you are setting up.



# 2

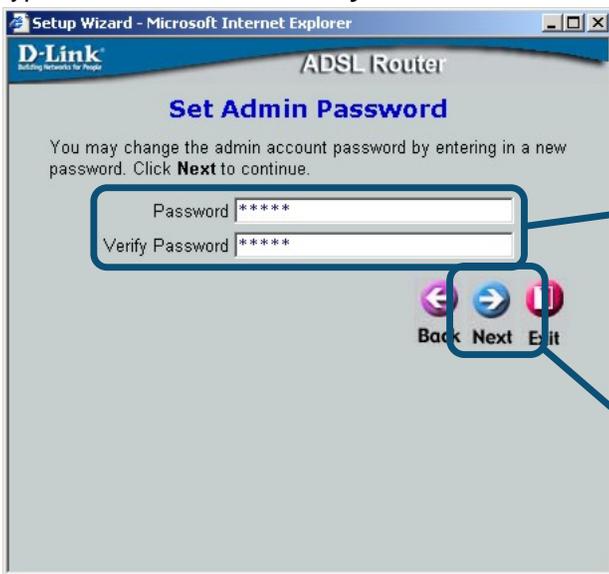
## Configuring the Router (continued)

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



Click the **Next** button.

Set the new **Password** used by the administrator to configure the Router. You have already used the default Password "admin" to access the web manager. You can choose another Password. The login User Name "admin" cannot be changed. Type in the new Password and type it a second time to **Verify Password**. Click **Next** to continue.



Type the new **Password** used by the Router administrator and type it again in **Verify Password**.

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.

Select the appropriate time zone for your location and click **Next** to continue.

(GMT+00:00) Greenwich Mean

Daylight Saving Time  ON  OFF

Back Next Exit

Select the **Time Zone** you are located and set the appropriate **Daylight Savings Time** (On/Off).

Click the **Next** button.

Next you will **Set the Internet Connection Type** for the WAN interface. Your ISP should have 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.

Select 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.

Back Next Exit

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

Click the **Next** button.

# 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. The **VPI** number and **VCI** number should not be changed unless you have been instructed to change them. Select the **Connection Type** used for encapsulation on your ADSL service. Click **Next** when you are ready to proceed to the Setup Completed menu.

In Australia, the most common settings for PPPoE/PPPoA are:

VPI = 8, VCI = 35 and Connection Type = PPPoA VC-Mux

or

VPI = 8, VCI = 35 and Connection Type = PPPoE LLC.

In New Zealand, the most common settings for PPPoE/PPPoA are:

VPI = 0, VCI = 100 and Connection Type = PPPoA VC-Mux

If you are not sure what **Connection Type**, **VPI** and **VCI** to use, please check with your ISP.

The screenshot shows the 'Set PPPoE/PPPoA' configuration page on a D-Link ADSL Router. The page prompts the user to enter ISP information. The fields are: Username (user@isp.com.au), Password (\*\*\*), VPI (8), VCI (35), and Connection Type (PPPoE LLC). Navigation buttons are Back, Next, and Exit. Callout boxes provide instructions: 'Type the Username and Password for your ISP account.', 'If you have been told to change the VPI or VCI number, Type the new values.', 'Select the Connection Type as instructed by your ISP account.', and 'Click the Next button. Skip ahead to the Setup Completed menu below.'

# 2

## Configuring the Router (continued)

### Dynamic IP Address 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. In Australia, most users will use the default values VPI = 8 and VCI = 35. In New Zealand, most users will use VPI = 0 and VCI = 100. Click **Next** when you are ready to proceed to the Setup Completed menu.

The screenshot shows the D-Link ADSL Router configuration interface. The browser address bar shows 'http://10.1.1.1/PopOutPage?id=44&connection\_type=0&id=44&...'. The page title is 'ADSL Router' and the main heading is 'Set Dynamic IP Address'. Below the heading, it says 'Enter in the information provided to you by your ISP. Click Next to continue.' There are three input fields: 'VPI' with the value '8', 'VCI' with the value '35', and a 'Connection Type' dropdown menu set to '1483 Routed LLC'. At the bottom, there are three buttons: 'Back', 'Next', and 'Exit'. Three callout boxes provide instructions: one points to the VPI and VCI fields, another points to the Connection Type dropdown, and a third points to the Next button.

If you have been told to change the **VPI** or **VCI** number, **Type** the new values.

Select the **Connection Type**.

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

# 2

## Configuring the Router (continued)

### Static IP Address Connections

If you selected the **Static IP Address** connection type, change the **WAN IP Address**, **WAN Subnet Mask**, **WAN Gateway Address**, **Primary DNS Server** and (if available) **Secondary DNS Server** IP address as instructed by your ISP. 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. In Australia, most users will use the default values VPI = 8 and VCI = 35. In New Zealand, most users will use VPI = 0 and VCI = 100. Click **Next** when you are ready to proceed to the Setup Completed menu.

The screenshot shows the 'Set Static IP Address' configuration page for a D-Link ADSL Router. The page includes the following fields and callouts:

- VPI** and **VCI** input fields: A callout box states, "If you have been told to change the **VPI** or **VCI** number, **Type** the new values."
- WAN IP Address**, **WAN Subnet Mask**, **WAN Gateway Address**, **Primary DNS Server**, and **Secondary DNS Server** input fields: A callout box states, "**Type** the IP addresses for the **WAN IP Address**, **WAN Subnet Mask**, **WAN Gateway Address**, **Primary DNS Server** and **Secondary DNS Server**."
- Connection Type** dropdown menu: A callout box states, "Select the **Connection Type**."
- Next** button: A callout box at the bottom states, "Click the **Next** button. Skip ahead to the **Setup Completed** menu below."

# 2

## Configuring the Router (continued)

### Bridge Connections

If you selected the **Bridge Mode** 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. In Australia, most users will use the default values VPI = 8 and VCI = 35. In New Zealand, most users will use VPI = 0 and VCI = 100. Click **Next** when you are ready to proceed to the Setup Completed menu.

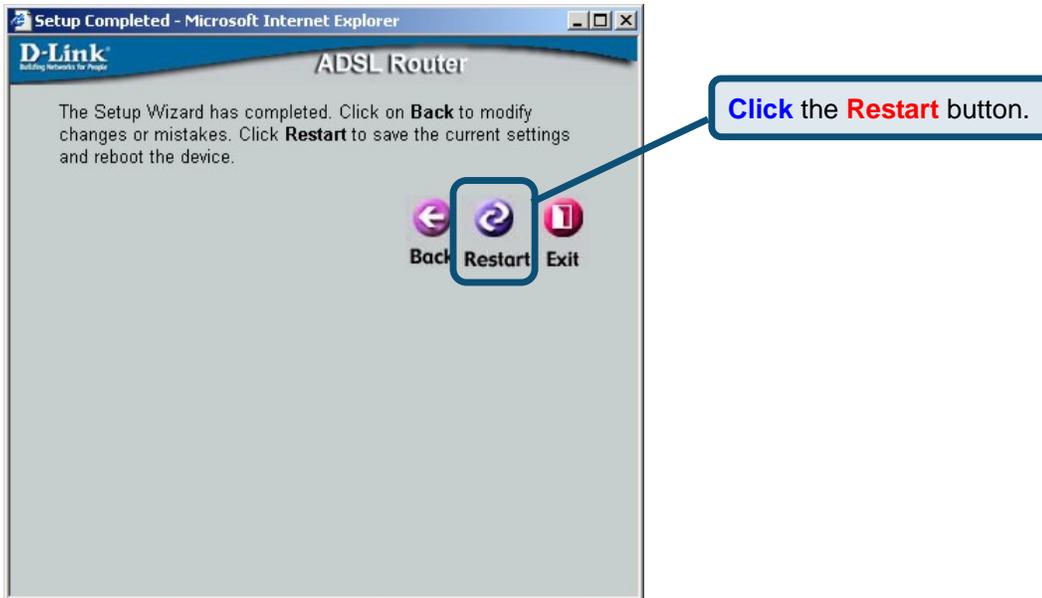
The screenshot shows the D-Link ADSL Router configuration interface. The browser address bar displays `http://10.1.1.1/PopOutPage?id=44&connection_type=3&id=44&...`. The page title is "ADSL Router" and the main heading is "Set Bridge Mode". Below the heading, there is a prompt: "Enter in the information provided to you by your ISP. Click to continue." The form contains two input fields: "VPI" with the value "8" and "VCI" with the value "35". Below these is a dropdown menu for "Connection Type" currently set to "1483 Bridged IP LLC". At the bottom of the form are three buttons: "Back" (left arrow), "Next" (right arrow), and "Exit" (stop sign). Three callout boxes are present: one pointing to the VPI/VCI fields with the text "If you have been told to change the VPI or VCI number, Type the new values.", one pointing to the Connection Type dropdown with the text "Select the Connection Type.", and one pointing to the Next button with the text "Click the Next button. Skip ahead to the Setup Completed menu below."

# 2

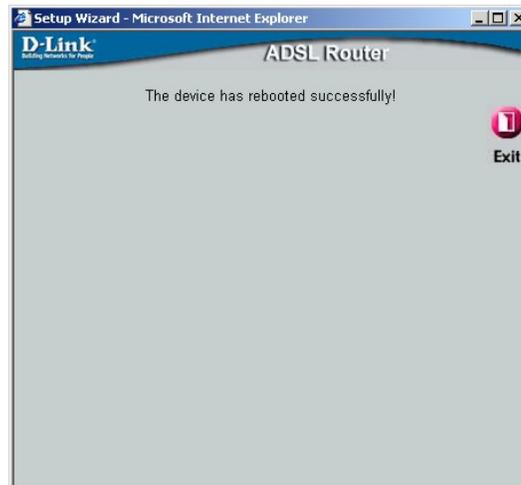
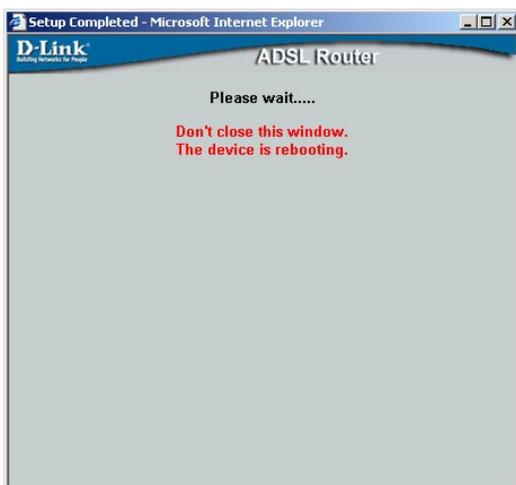
## Configuring the Router (continued)

### 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.



The screens pictured here will appear during the save and restart process. **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.

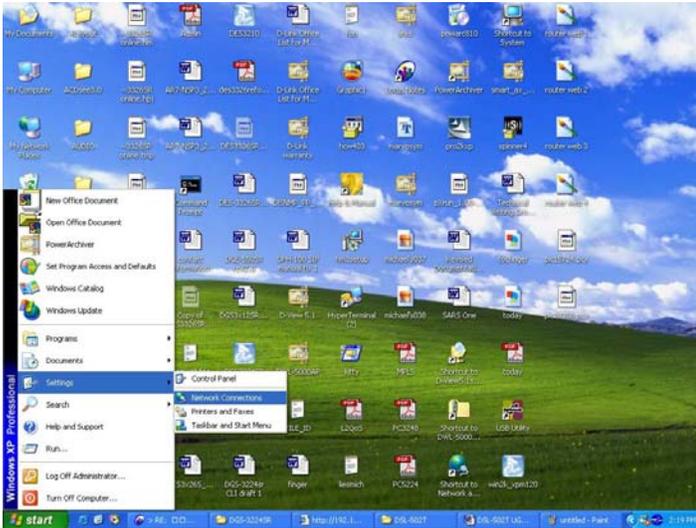


For additional settings or information, refer to the **Advanced**, **Tools**, or **Status** tabs on the web-management interface; or to the manual located on the CD-ROM.

## Appendix

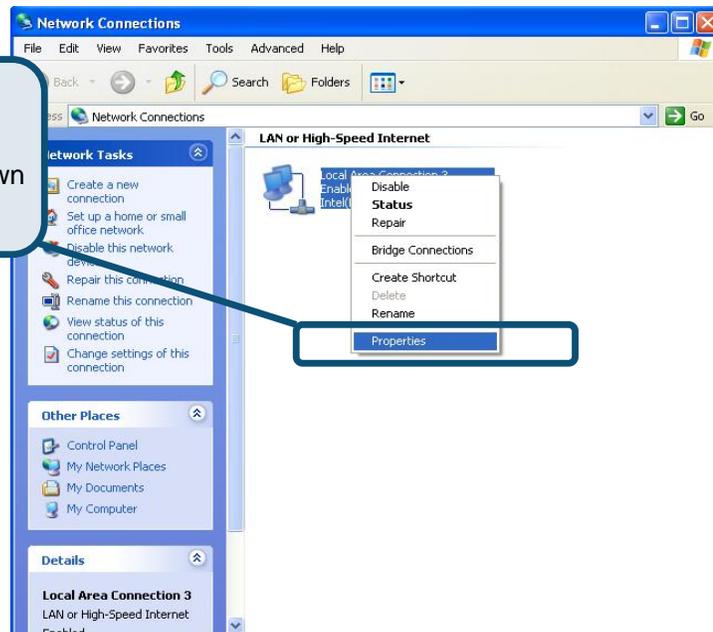
### Configuring IP Settings in Windows XP

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

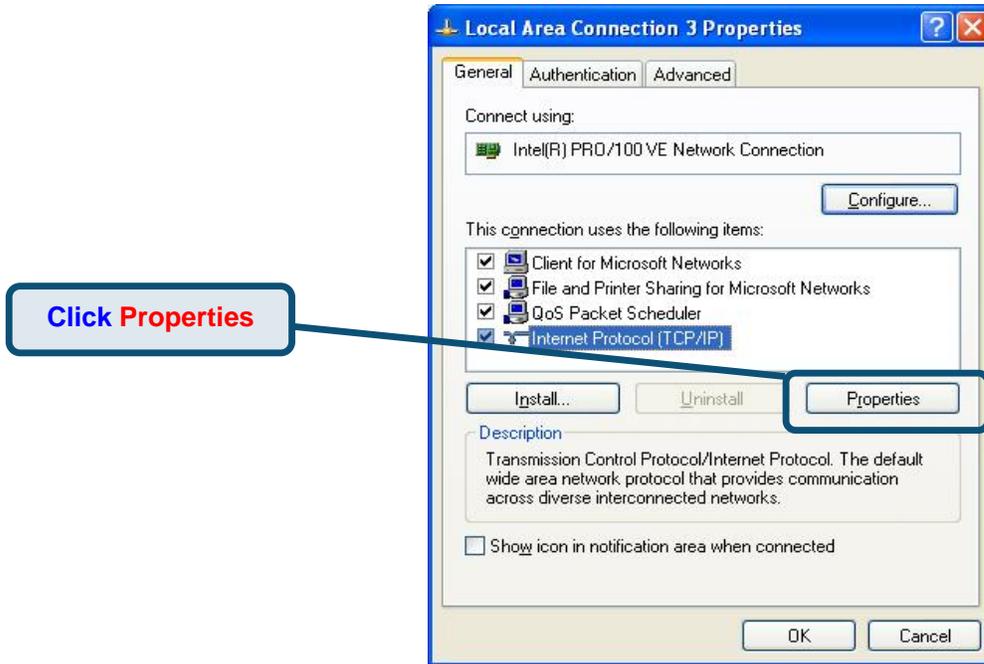


1. From the **Start** menu on your desktop, go to **Settings**, then click on **Network Connections**.
2. In the **Network Connections** window, right-click on **LAN** (Local Area Connection), then click **Properties**.

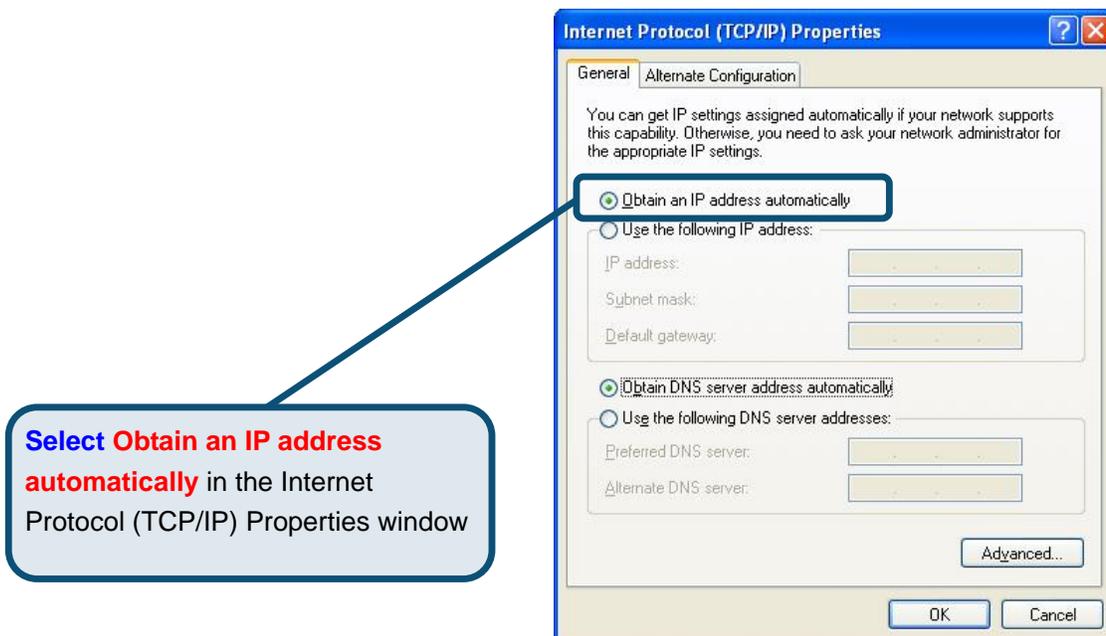
Right-click on the Local Area Connection icon and Select the Properties option from the pull-down menu.



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.



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



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 website.

### **Australia**

#### **D-Link Australia**

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