Advanced

In this window you can select the type of network connection.

Click **OK** to save the changes.

Advanced

- ⦿ **Infrastructure and Ad-hoc network**
- ○ **Infrastructure network only**
- ○ **Ad-hoc network only**

- ○ **Automatically connect to non-preferred networks**

OK
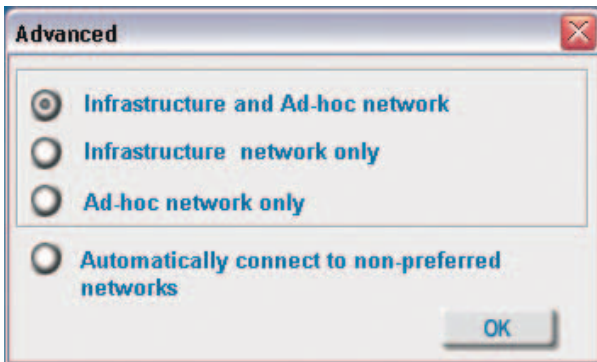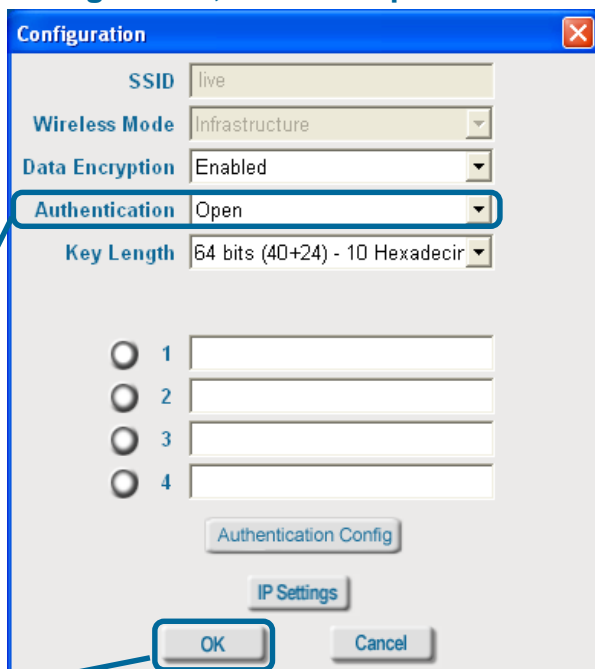
If you clicked on **Add,** you can configure, in this window, all the properties of a profile that you wish to add to the network.

If you clicked on **Configuration** or **Properties** you can configure, in this window, all the properties of a profile that already exists in the network.

If you select **WPA** in the *Authentication* field, please see detailed instructions for configuring WPA on the following pages.

Configuration, Add or Properties

Configuration

SSID	live
Wireless Mode	Infrastructure
Data Encryption	Enabled
Authentication	Open
Key Length	64 bits (40+24) - 10 Hexadecir

○ 1

○ 2

○ 3

○ 4

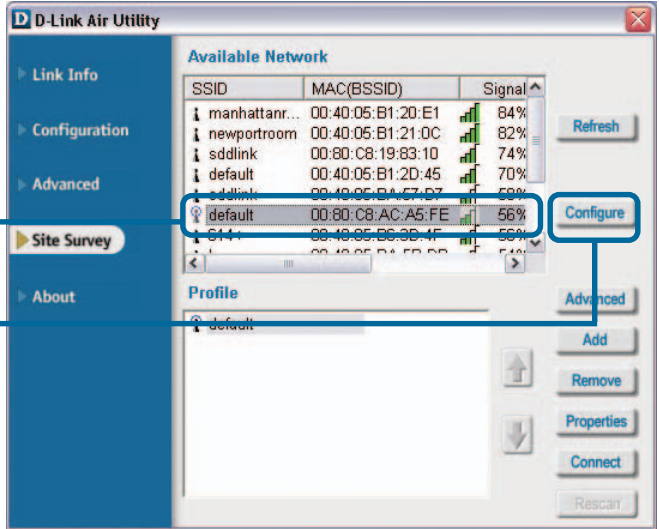Authentication Config

IP Settings

OK   Cancel

Click **OK** to save the changes.

16

Using the Configuration Utility *(continued)*
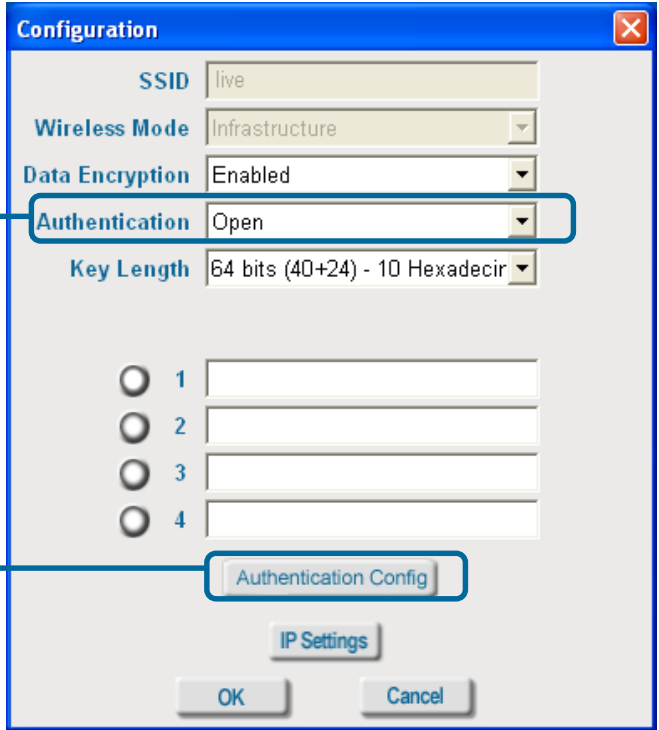
Authentication > WPA

Select the available network to which you want to connect.

Click **Configure**.

Select **WPA** in the *Authentication* field.

Click **Authentication Config**

After you click **Authentication Config**, the *Advanced Security Settings* screen will appear. Complete the *Advanced Security Settings* configuration. Please see pages 17-20 of this manual to find out more about the *Advanced Security Settings*.

Using the Configuration Utility *(continued)*
Authentication > WPA-PSK

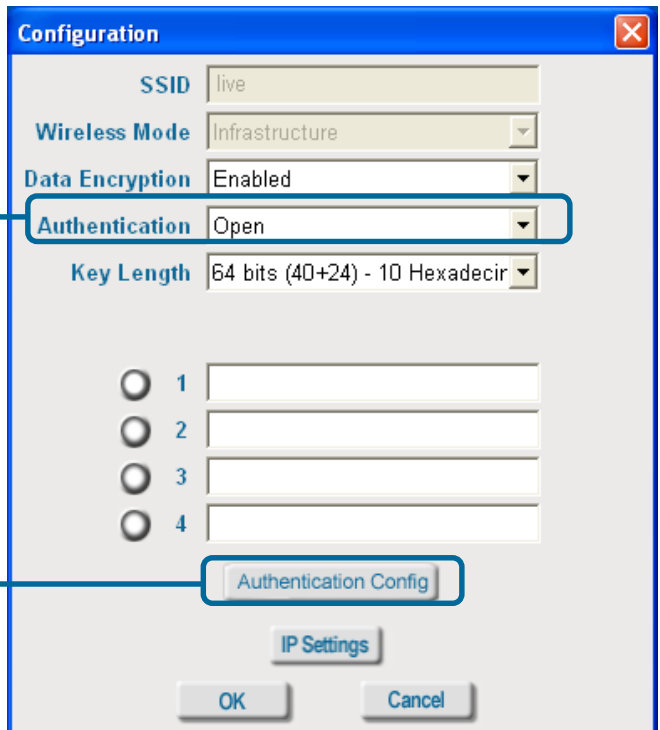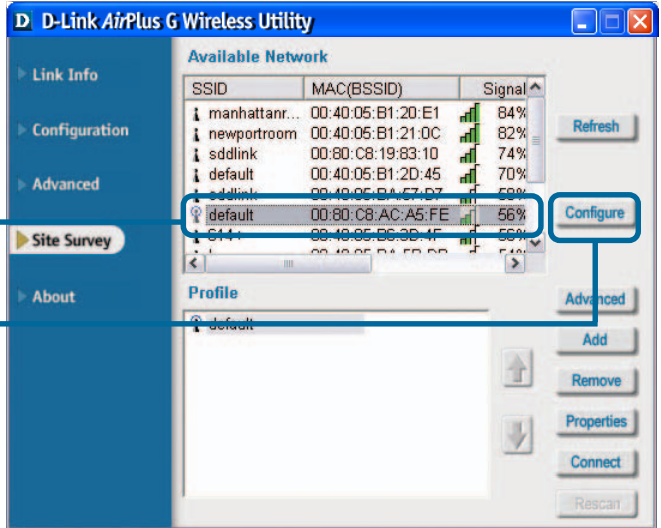Select the available network to which you want to connect.

Click **Configure**.

⚠ **WPA-PSK** does not require a RADIUS Server in the network.

Select **WPA-PSK** in the *Authentication* field.
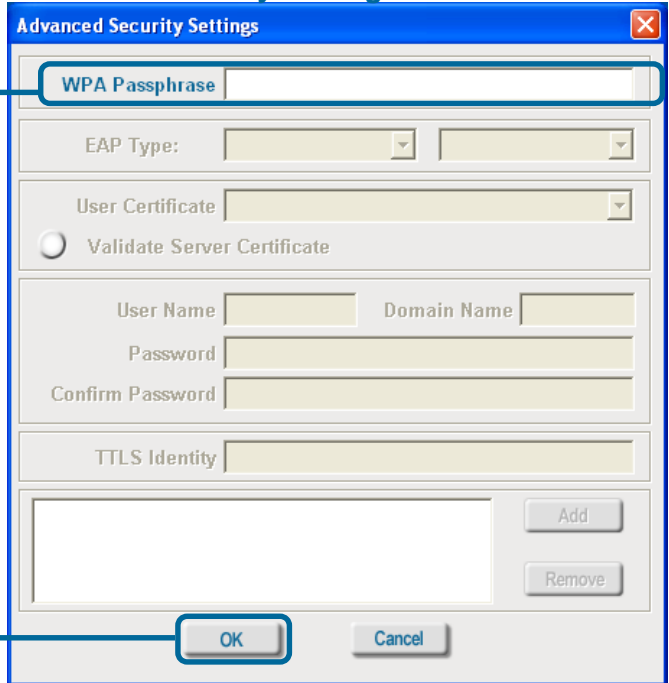
Click **Authentication Config**

D-Link AirPlus G Wireless Utility

Available Network		
SSID	MAC(BSSID)	Signal
🔒 manhattanr...	00:40:05:B1:20:E1	84%
🔒 newportroom	00:40:05:B1:21:0C	82%
🔒 sddlink	00:80:C8:19:83:10	74%
🔒 default	00:40:05:B1:2D:45	70%
🔒 default	00:80:C8:AC:A5:FE	56%

- Link Info
- Configuration
- Advanced
- **Site Survey**
- About

Refresh, Configure, Advanced, Add, Remove, Properties, Connect, Rescan

Profile: default

Configuration

SSID	live
Wireless Mode	Infrastructure
Data Encryption	Enabled
Authentication	Open
Key Length	64 bits (40+24) - 10 Hexadecir

○ 1
○ 2
○ 3
○ 4

Authentication Config

IP Settings

OK   Cancel

18

Using the Configuration Utility *(continued)*
Authentication > WPA-PSK (continued)

Advanced Security Settings

Enter the **WPA Passphrase**.

Advanced Security Settings

WPA Passphrase

EAP Type:

User Certificate

⭕ Validate Server Certificate

User Name   Domain Name

Password

Confirm Password

TTLS Identity

Add

Remove

Click **OK**.
The configuration is done.

OK   Cancel

About

The **About** screen gives you the MAC address, Utility Version and the Driver Version of the DWL-G120.

D D-Link AirPlus G Wireless Utility

▶ Link Info

▶ Configuration

▶ Advanced

▶ Site Survey

▶ About

D-Link

AirPlus G

802.11g/2.4GHz Wireless Adapter

Copyright 2003 D-Link AirPlus Configuration Utility

— Adapter Information —

MAC Address   00:0D:88:6A:86:CD

Utility Version   V3.2.0.40205

Driver Version   1.00.08

[secured by Odyssey]

Using the Configuration Utility with Macintosh OS

After you have completed the installation of the DWL-G120 into your Macintosh computer (please refer to the *Quick Installation Guide* included with the product), follow the steps below to access the configuration settings.

From the **Apple** pull-down menu select **System Preferences**.

Double-click on the **Wireless Adaptor** icon.

Using the Configuration Utility with Macintosh OS *(continued)*

This window will appear displaying the following:

Current Wireless Network settings: *Network Name; Network Type; Link Status; Channel; and Signal Strength.*

Available Wireless Networks including: *Name; Type; Signal; Channel; Privacy.*

Start Scan:
Click **Start Scan** to rescan for an available wireless network at your current location.

Connect: Highlight a network profile and click **Connect** to connect to that network profile.

Wireless Adaptor Settings:
Radio On*:* Select or deselect
Frequency Band: Displays the frequency band; default is 2.4GHz (may not be changeable).

Click **Show My Networks** to manage your network profiles.

Using the Configuration Utility with Macintosh OS *(continued)*

My Networks
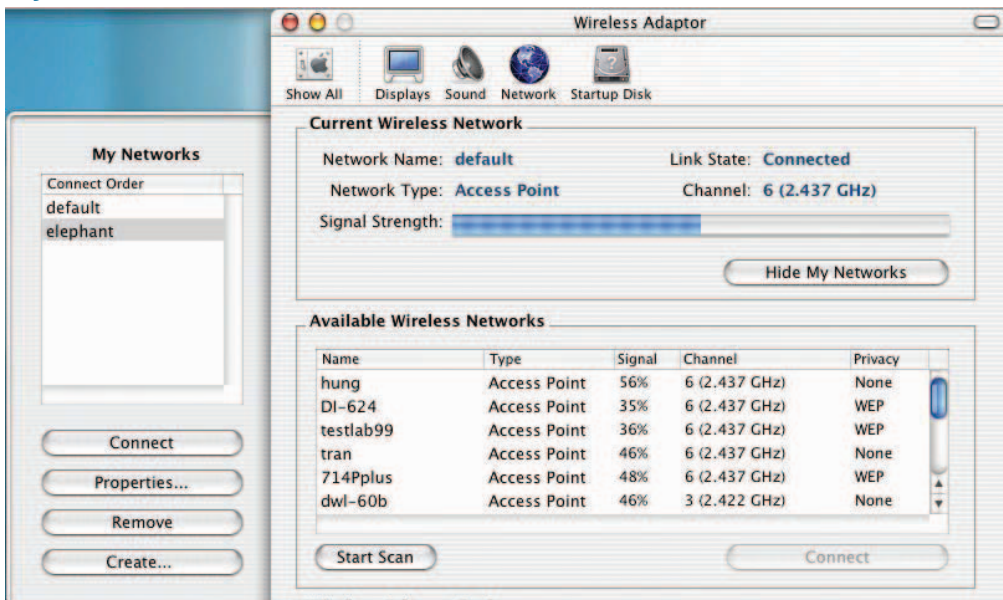
Connect: Highlight a network profile and click **Connect** to connect to that network profile.

Properties: Highlight a network profile and click **Properties** to configure that network profile. (See screens on the next page.)
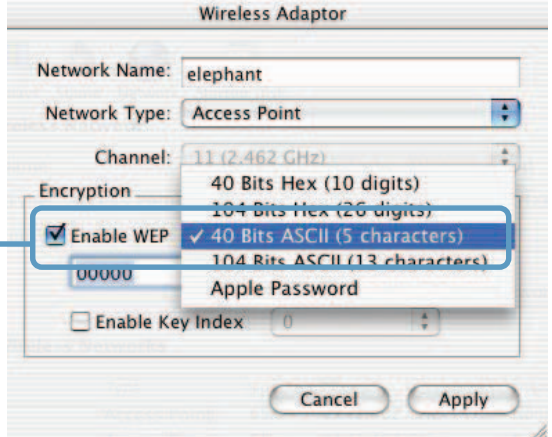
Remove: Highlight a network profile and click **Remove** to remove that network from the profile list.

Create: Click **Create** to create a new network profile, manually. (See screens on the next page.)

Using the Configuration Utility with Macintosh OS *(continued)*

My Networks >
Create and/or Properties

Select the level of WEP encryption. In the example, 40 Bits ASCII was chosen.

Wireless Adaptor

Network Name: elephant

Network Type: Access Point

Channel: 11 (2.462 GHz)

Encryption

☑ Enable WEP

- 40 Bits Hex (10 digits)
- 104 Bits Hex (26 digits)
- ✓ 40 Bits ASCII (5 characters)
- 104 Bits ASCII (13 characters)
- Apple Password

00000

☐ Enable Key Index   0

Cancel   Apply

Enter the WEP string, in this case 5 ASCII characters have been entered.

Wireless Adaptor

Network Name: elephant

Network Type: Access Point

Channel: 11 (2.462 GHz)

Encryption

☑ Enable WEP   40 Bits ASCII (5 characters)

00000

☐ Enable Key Index   0

Cancel   Apply
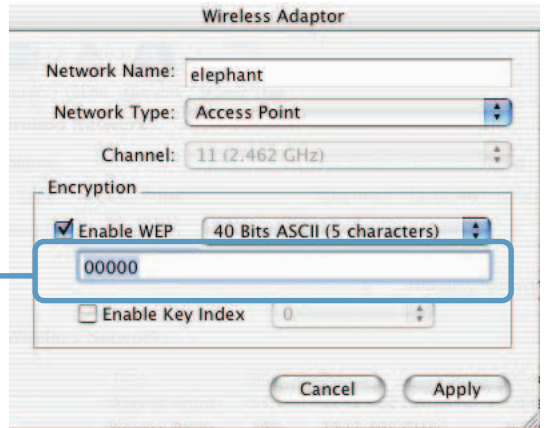
Select the key that you wish to use. You can input up to four keys.

Wireless Adaptor

Network Name: elephant

Network Type: Access Point

Channel: 11 (2.462 GHz)

Encryption

☑ Enable WEP   40 Bits ASCII (5 characters)

00000

☑ Enable Key Index   ✓ 0
                      1
                      2
                      3   Apply

23
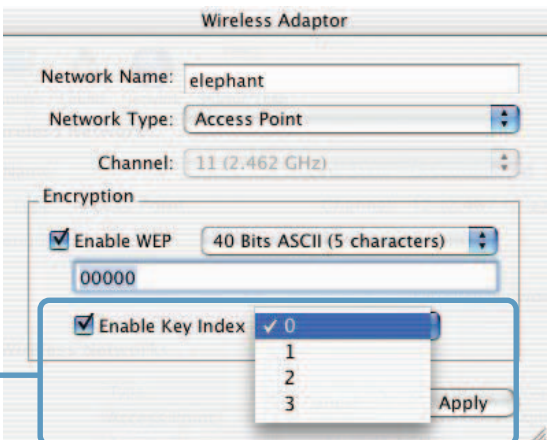
Networking Basics

Using the Network Setup Wizard in Windows XP

In this section you will learn how to establish a network at home or work, using **Microsoft Windows XP.**

Note: Please refer to websites such as http://www.homenethelp.com and http://www.microsoft.com/windows2000 for information about networking computers using Windows 2000/Me/98SE.

Go to **Start>Control Panel>Network Connections**
Select **Set up a home or small office network**
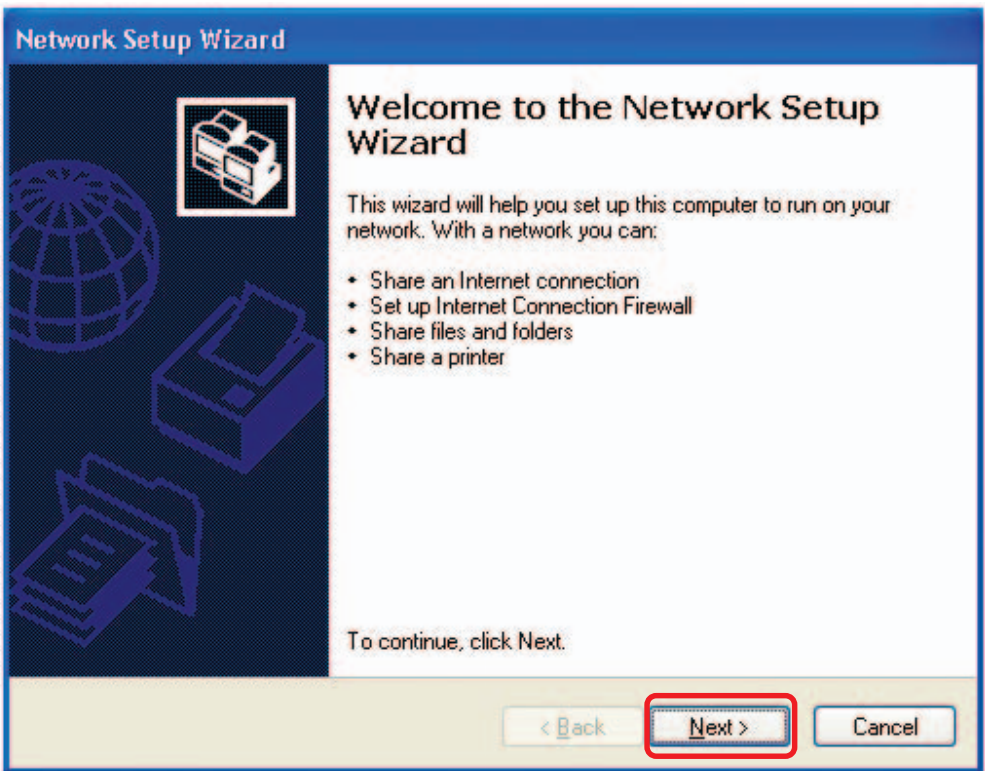
When this screen appears, click **Next.**

Networking Basics (continued)

Please follow all the instructions in this window:
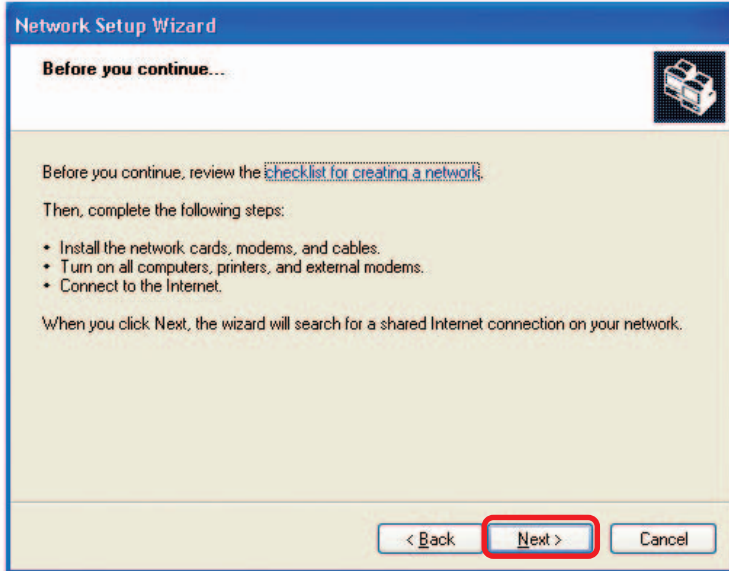
Click **Next**.
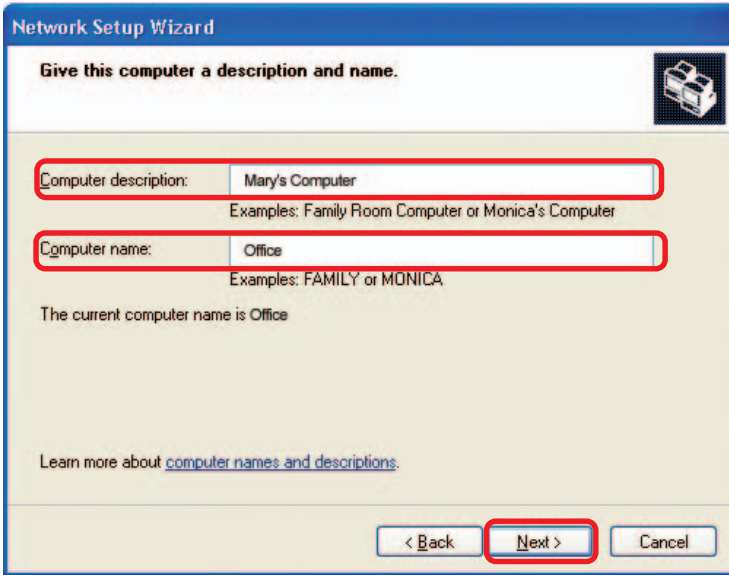
In the following window, select the best description of your computer. If your computer connects to the Internet through a router, select the second option as shown.
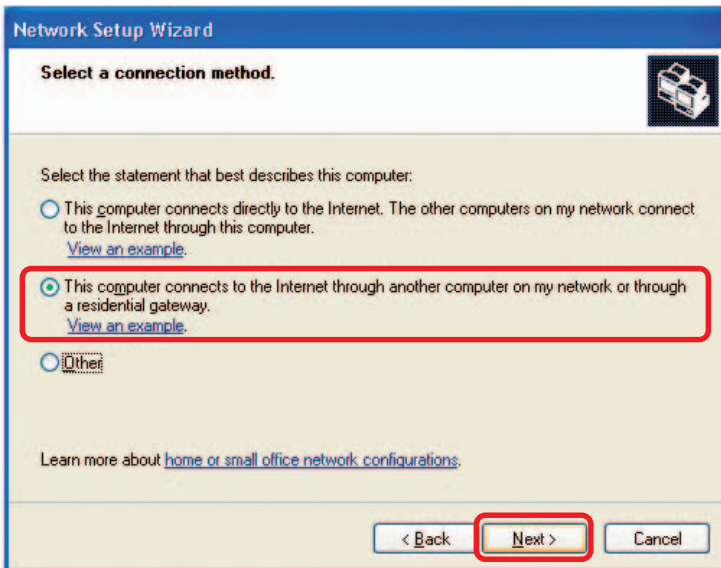
Click **Next**.

Networking Basics (continued)
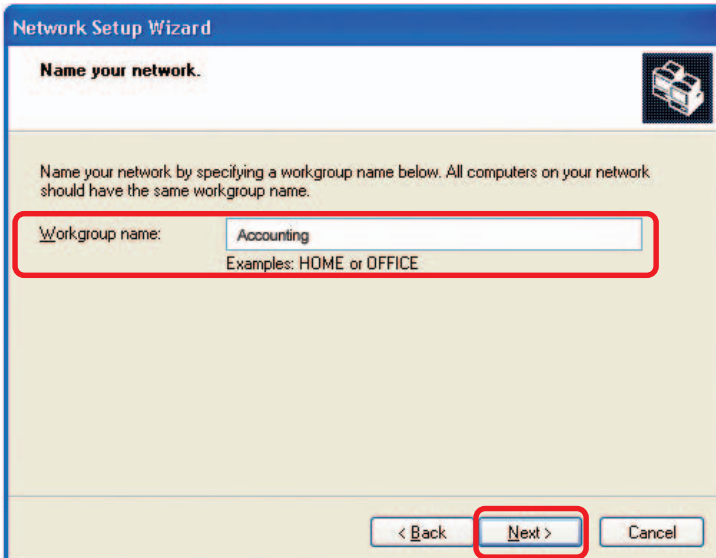
Enter a **Computer description** and a **Computer name** (optional.)

Click **Next**.

Enter a **Workgroup** name. All computers on your network should have the same **Workgroup name.**
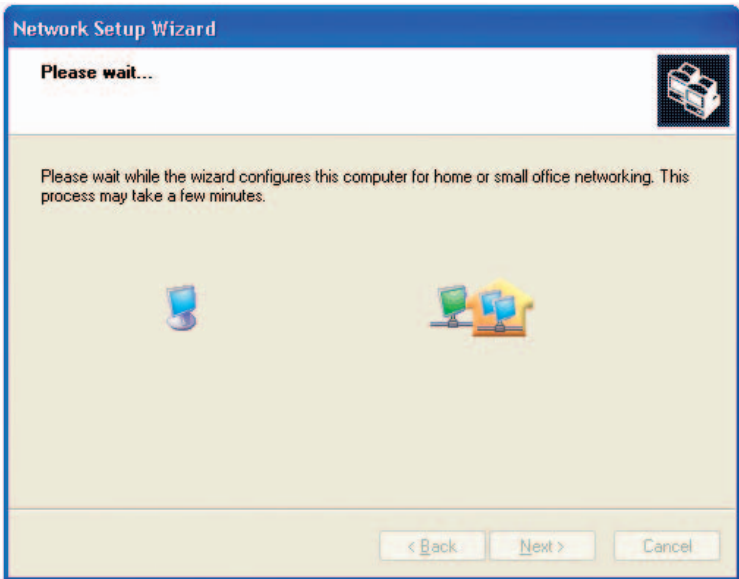

Click **Next**.

Networking Basics (continued)

Please wait while the **Network Setup Wizard** applies the changes.
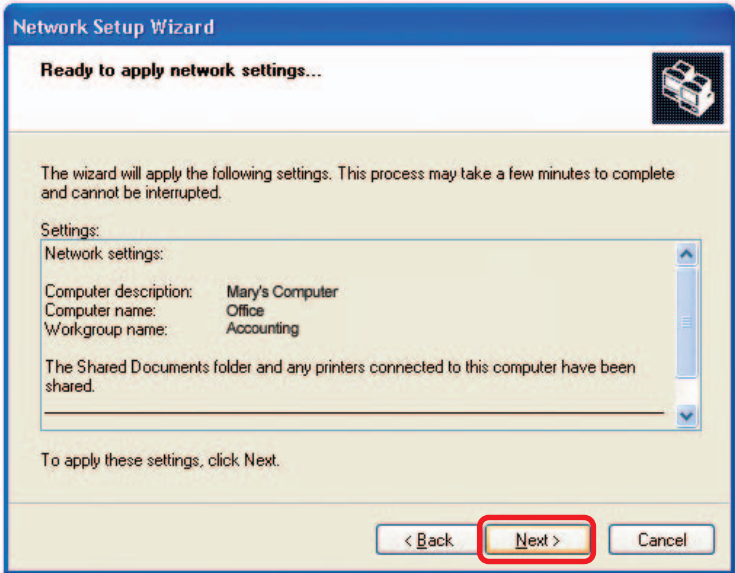
When the changes are complete, click **Next**.

Please wait while the **Network Setup Wizard** configures the computer. This may take a few minutes.
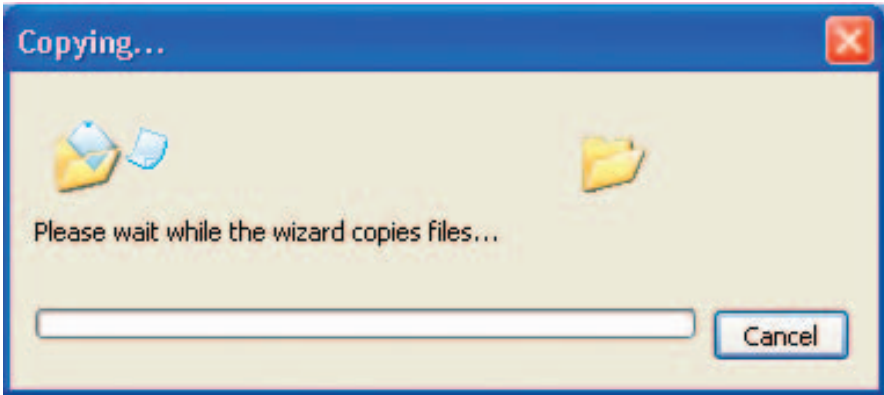
Networking Basics (continued)

In the window below, select the option that fits your needs. In this example, **Create a Network Setup Disk** has been selected. You will run this disk on each of the computers on your network. Click **Next**.
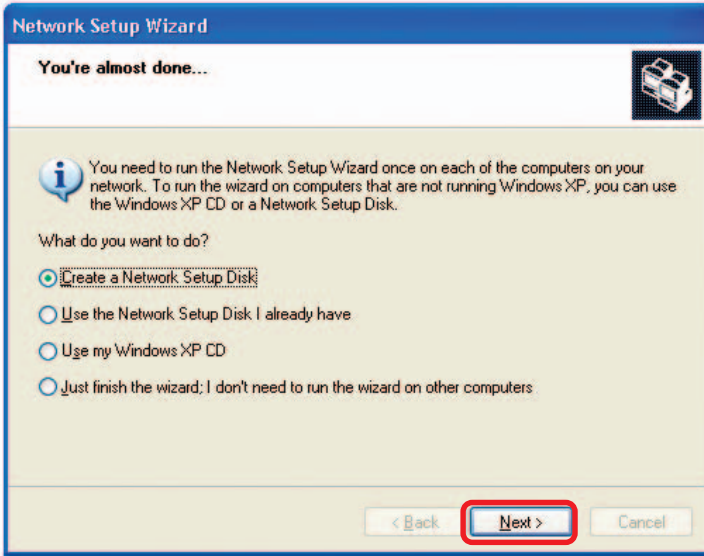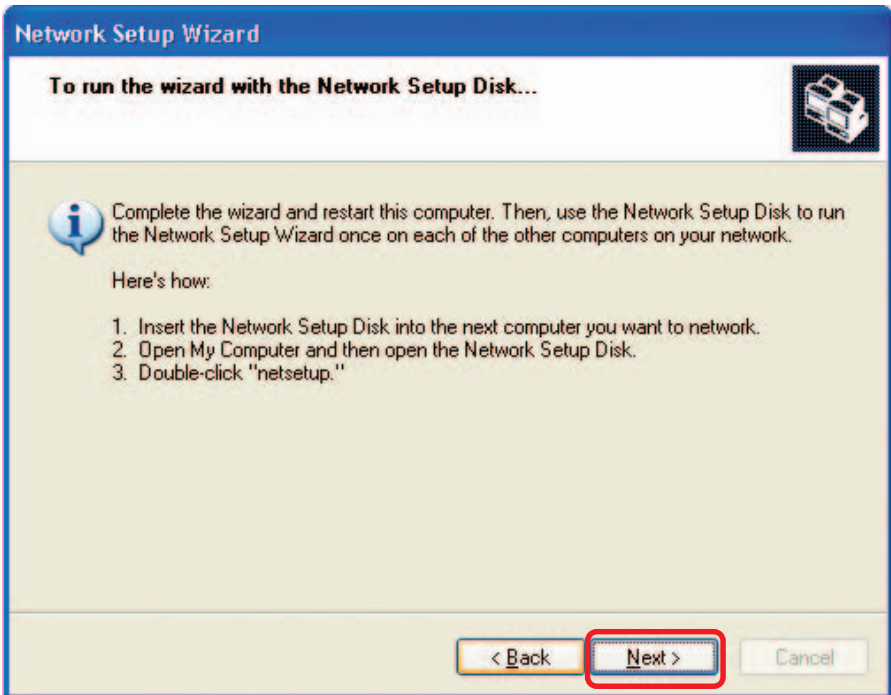

Insert a disk into the Floppy Disk Drive, in this case drive **A.**

Networking Basics (continued)

Please read the information under **Here's how** in the screen below. After you complete the **Network Setup Wizard** you will use the **Network Setup Disk** to run the **Network Setup Wizard** once on each of the computers on your network. To continue click **Next.**
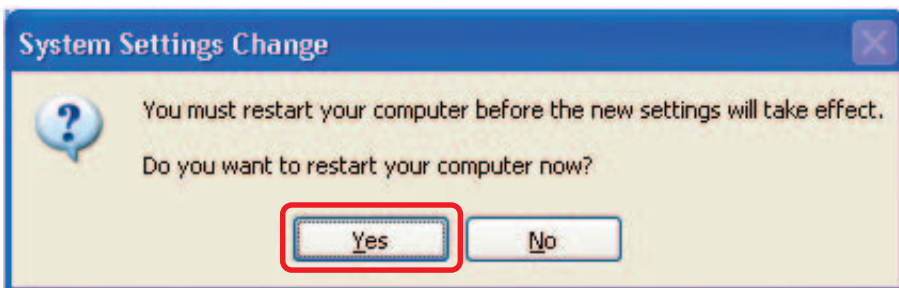
Networking Basics (continued)

Please read the information on this screen, then click **Finish** to complete the **Network Setup Wizard**.

The new settings will take effect when you restart the computer. Click **Yes** to restart the computer.

You have completed configuring this computer. Next, you will need to run the **Network Setup Disk** on all the other computers on your network. After running the **Network Setup Disk** on all your computers, your new wireless network will be ready to use.