

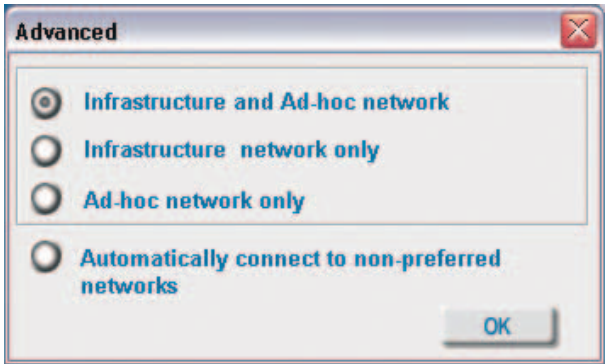
Using the Configuration Utility (continued)

Site Survey > Add

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

Click **OK** to save the changes.

Advanced



The 'Advanced' window contains four radio button options for network connection type. The first option, 'Infrastructure and Ad-hoc network', is selected. The other options are 'Infrastructure network only', 'Ad-hoc network only', and 'Automatically connect to non-preferred networks'. An 'OK' button is located at the bottom right.

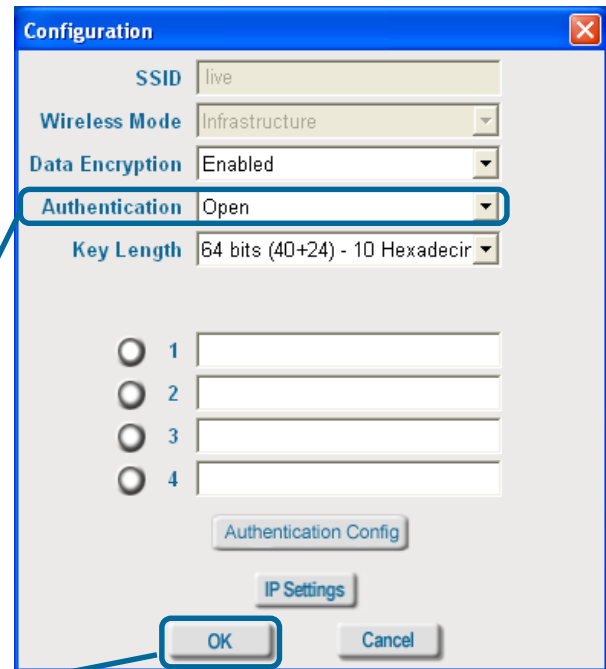
☒	Infrastructure and Ad-hoc network
☐	Infrastructure network only
☐	Ad-hoc network only
☐	Automatically connect to non-preferred networks

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.

Configuration, Add or Properties



The 'Configuration' window displays various settings for a network profile. The fields are: SSID (live), Wireless Mode (Infrastructure), Data Encryption (Enabled), Authentication (Open), and Key Length (64 bits (40+24) - 10 Hexadecir). Below these are four radio buttons numbered 1 to 4, each with an adjacent text input field. At the bottom are buttons for 'Authentication Config', 'IP Settings', 'OK', and 'Cancel'. The 'OK' button is highlighted with a blue border.

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

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

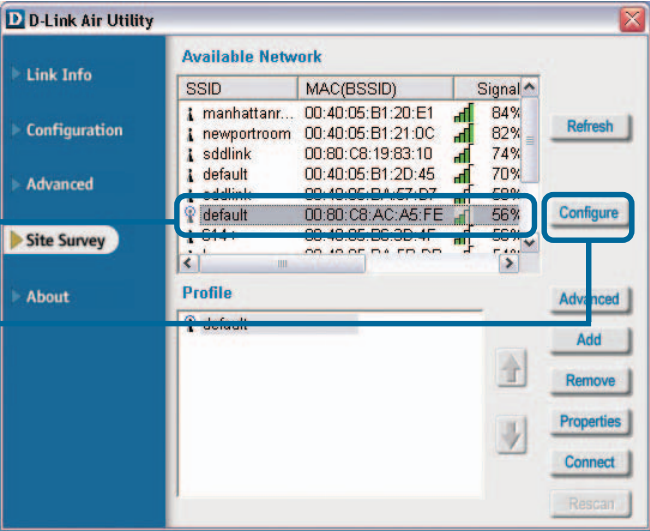
Click **OK** to save the changes.

Using the Configuration Utility (continued)

Authentication > WPA

Select the available network to which you want to connect.

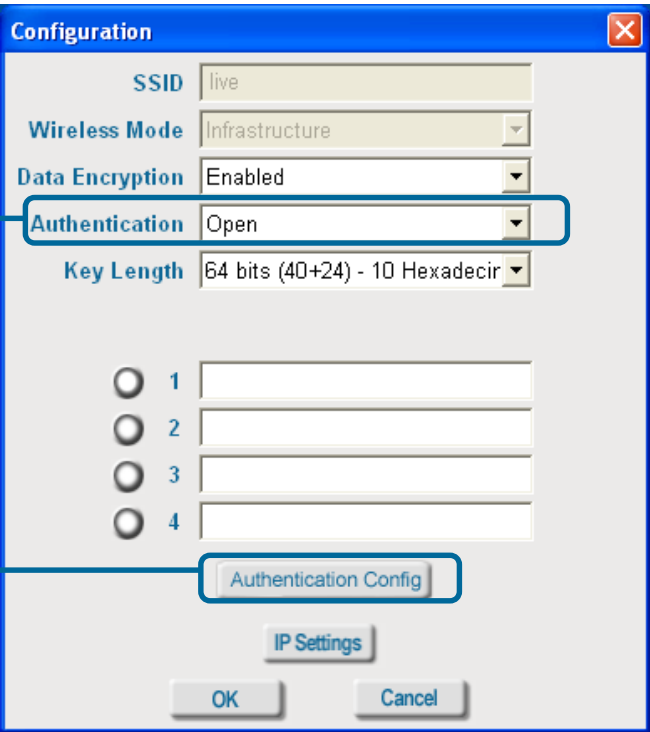
Click **Configure**.



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%
sddlink	00:40:05:BA:C7:D7	58%
default	00:80:C8:AC:A5:FE	56%
6441	00:40:05:B6:38:4F	56%
6441	00:40:05:B4:ED:88	54%

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

Click **Authentication Config**



SSID: live

Wireless Mode: Infrastructure

Data Encryption: Enabled

Authentication: Open

Key Length: 64 bits (40+24) - 10 Hexadecir

Authentication Config

IP Settings

OK Cancel

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

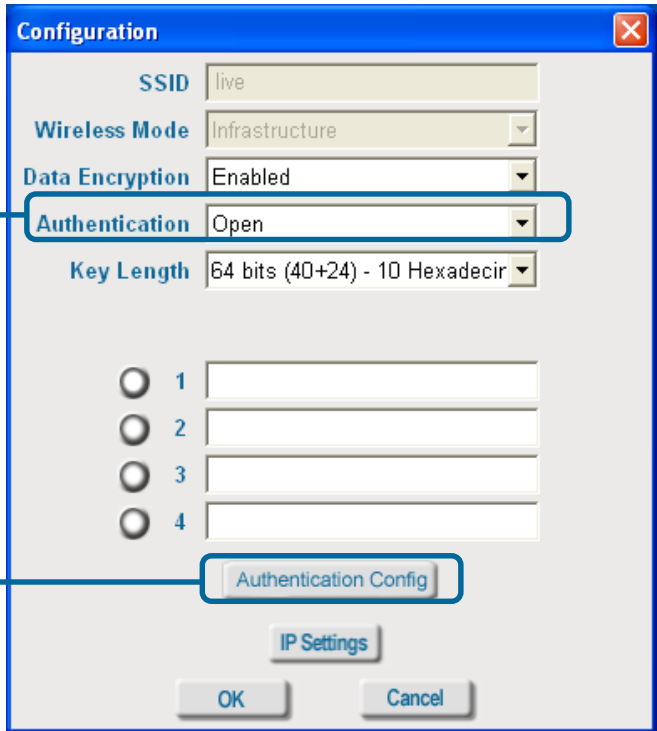
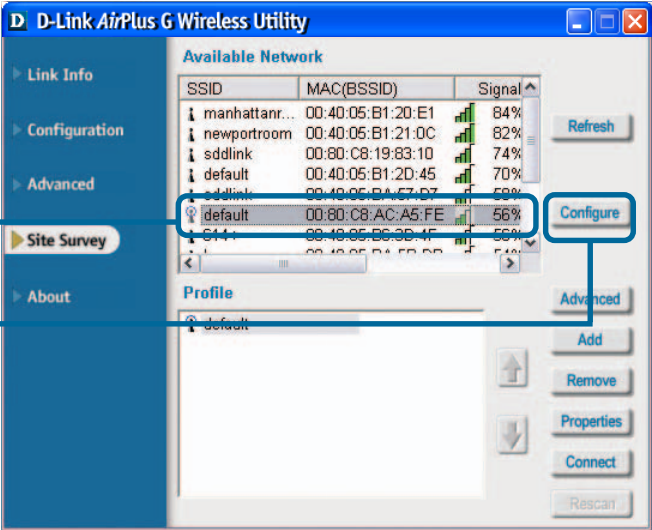
Select the available network to which you want to connect.

Click **Configure**.

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

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

Click **Authentication Config**



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

OK

Cancel

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

About

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

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

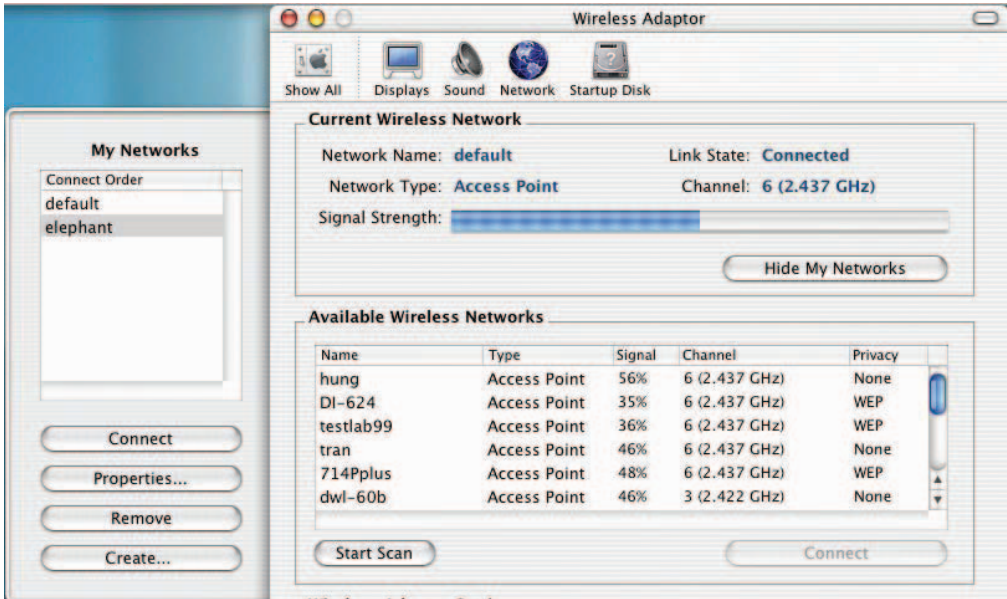
Frequency Band: Displays the frequency band; default is 2.4GHz (may not be changeable).



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.)

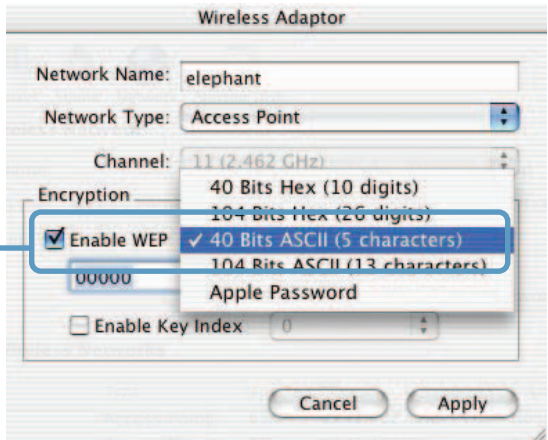
Remove: Highlight a network profile and click **Remove** to remove that network from the profile list.

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

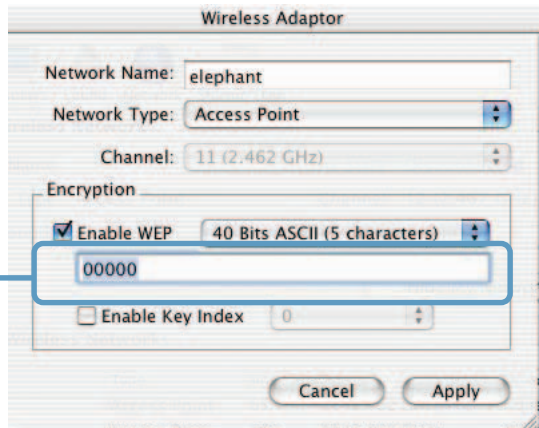
Using the Configuration Utility with Macintosh OS (continued)

My Networks > Create and/or Properties

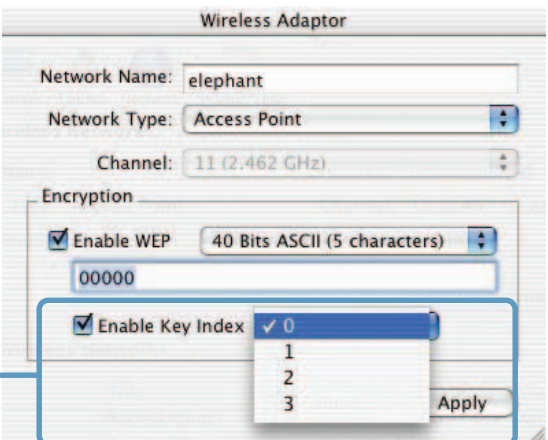
Select the level of WEP encryption. In the example, 40 Bits ASCII (5 characters) was chosen.



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



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



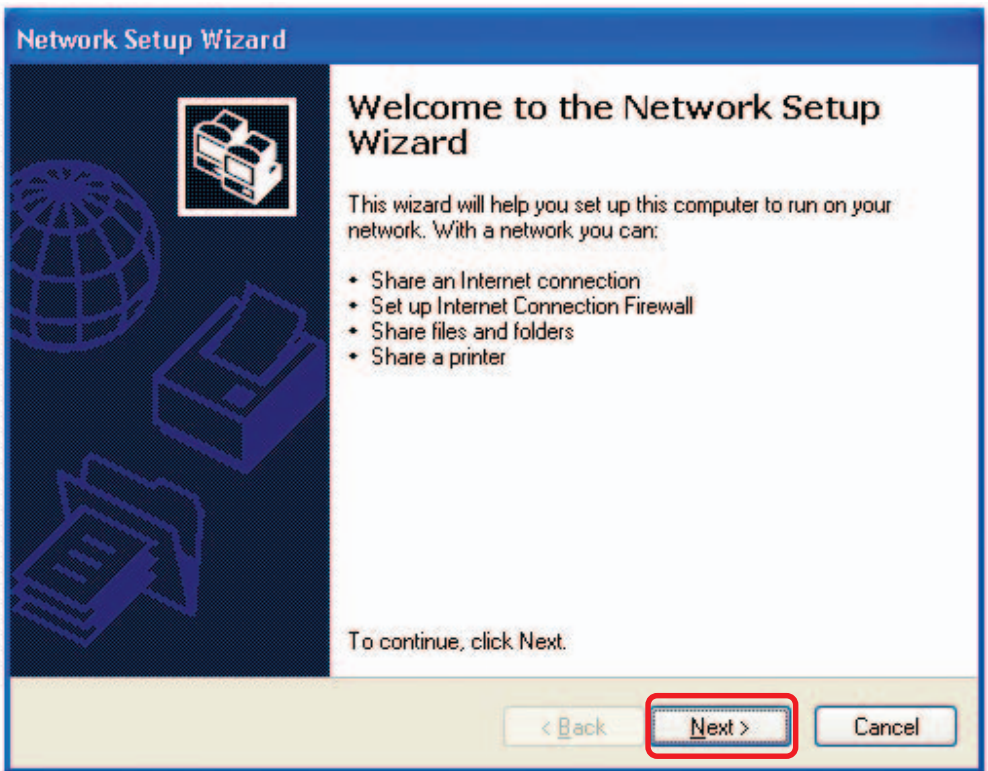
Networking Basics

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.

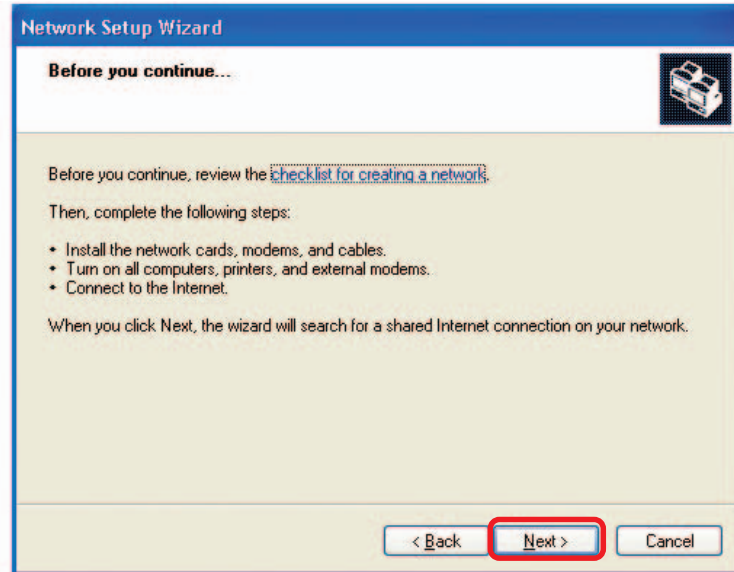
Go to **Start>Control Panel>Network Connections**
Select **Set up a home or small office network**



When this screen appears, click **Next**.

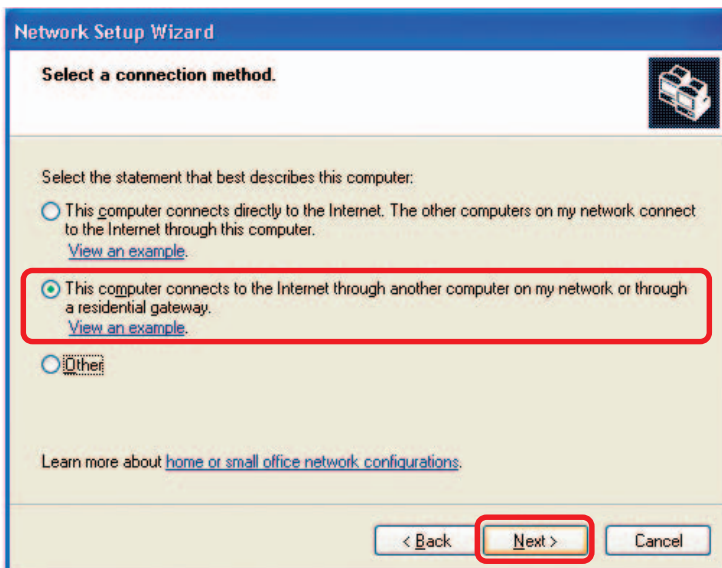
Networking Basics (continued)

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.)

The screenshot shows the 'Network Setup Wizard' window with the title 'Give this computer a description and name.' The window has a blue header bar and a small icon of a computer in the top right corner. There are two text input fields: 'Computer description:' with the value 'Mary's Computer' and 'Computer name:' with the value 'Office'. Below the first field, it says 'Examples: Family Room Computer or Monica's Computer'. Below the second field, it says 'Examples: FAMILY or MONICA'. Below these fields, it says 'The current computer name is Office'. At the bottom, there is a link 'Learn more about [computer names and descriptions.](#)'. At the very bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a red rectangle.

Click **Next**.

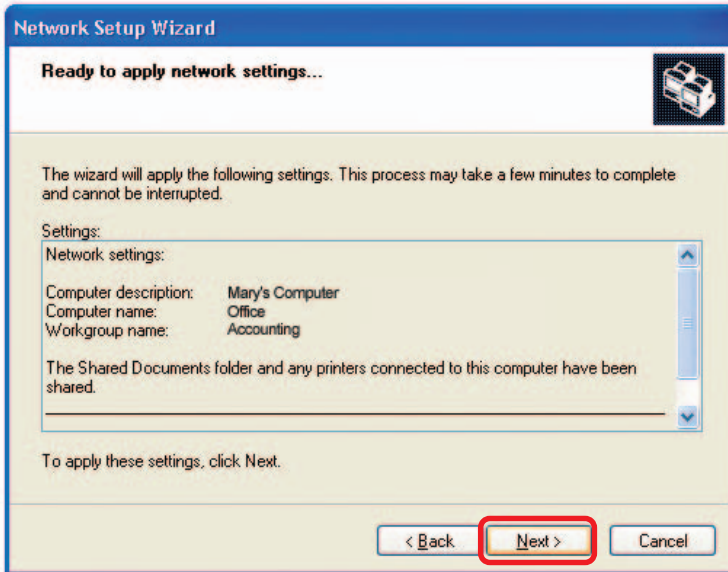
Enter a **Workgroup** name. All computers on your network should have the same **Workgroup name**.

The screenshot shows the 'Network Setup Wizard' window with the title 'Name your network.' The window has a blue header bar and a small icon of a computer in the top right corner. The text says 'Name your network by specifying a workgroup name below. All computers on your network should have the same workgroup name.' Below this text is a text input field labeled 'Workgroup name:' with the value 'Accounting'. Below the field, it says 'Examples: HOME or OFFICE'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a red rectangle.

Click **Next**.

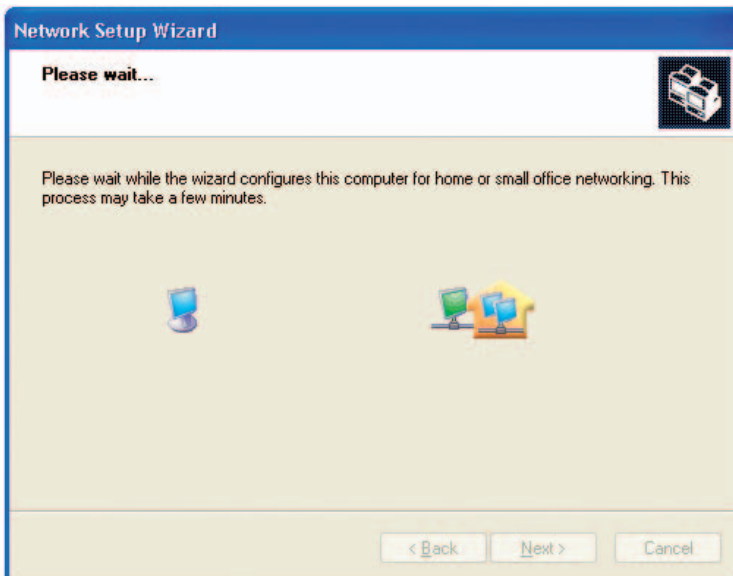
Networking Basics (continued)

Please wait while the **Network Setup Wizard** applies the changes.



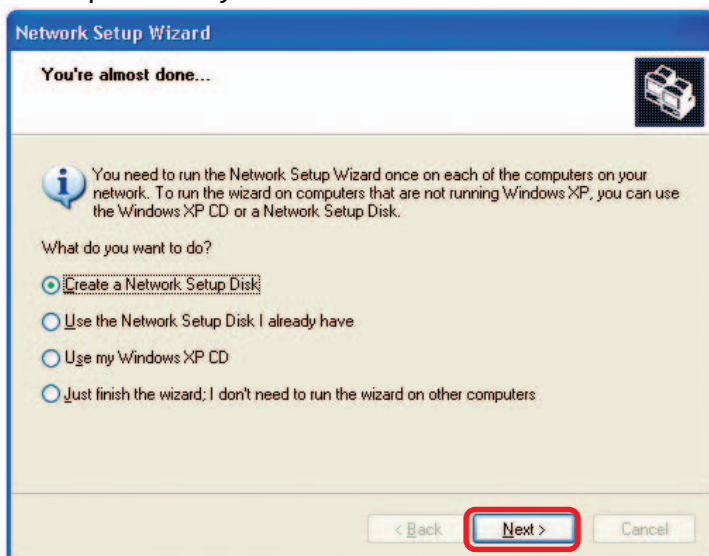
When the changes are complete, click **Next**.

Please wait while the **Network Setup Wizard** configures the computer. This may take a few minutes.

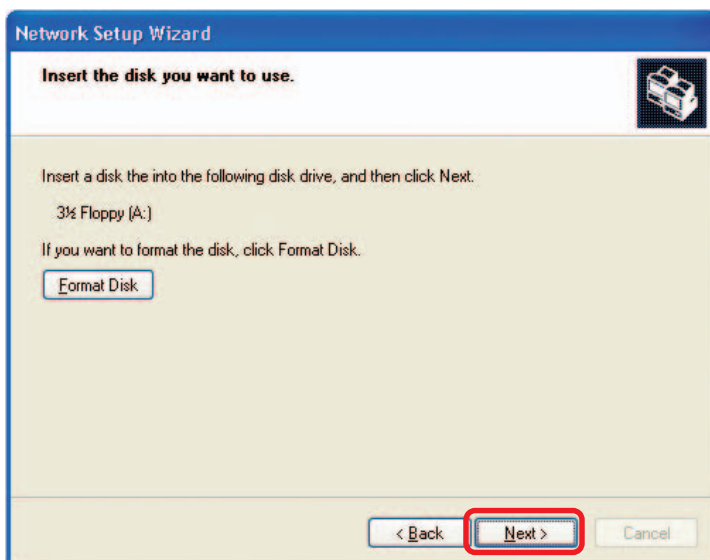


Networking Basics (continued)

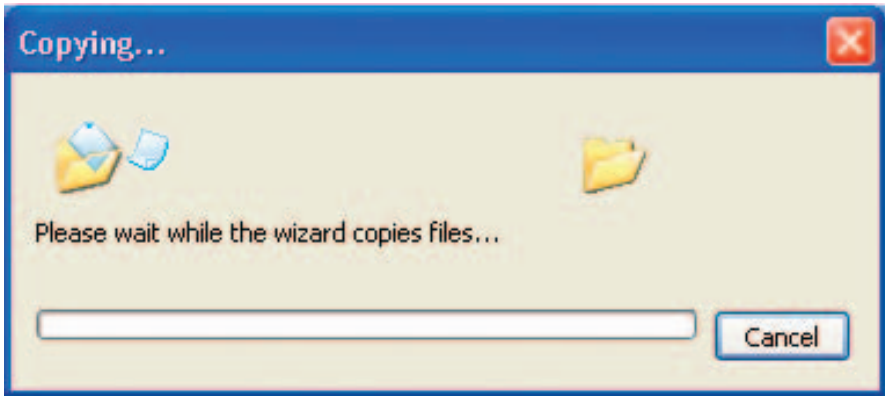
In the window below, select the option that fits your needs. In this example, **Create a Network Setup Disk** has been selected. You will run this disk on each of the computers on your network. Click **Next**.



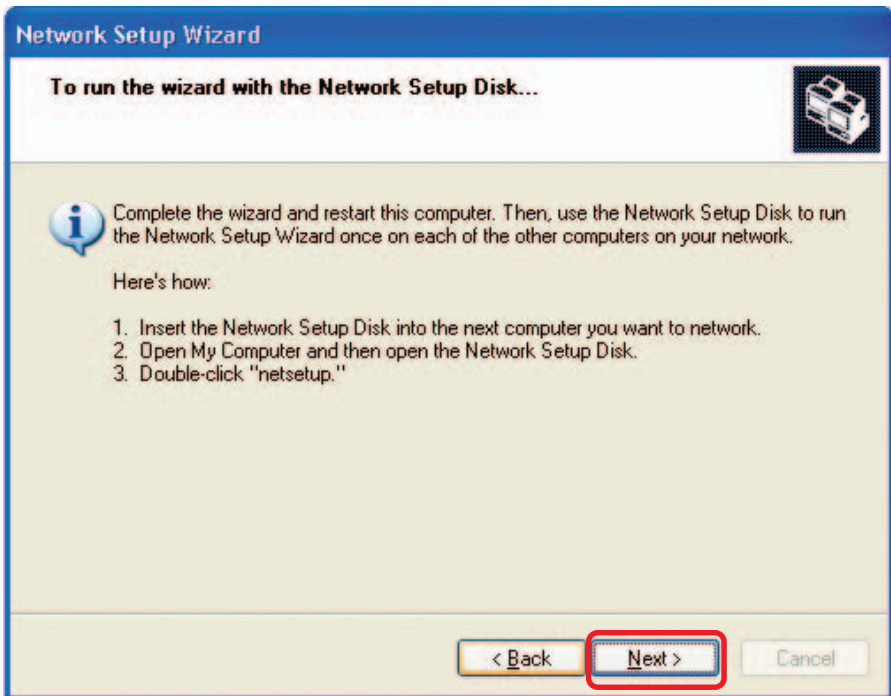
Insert a disk into the Floppy Disk Drive, in this case drive **A**.



Networking Basics (continued)

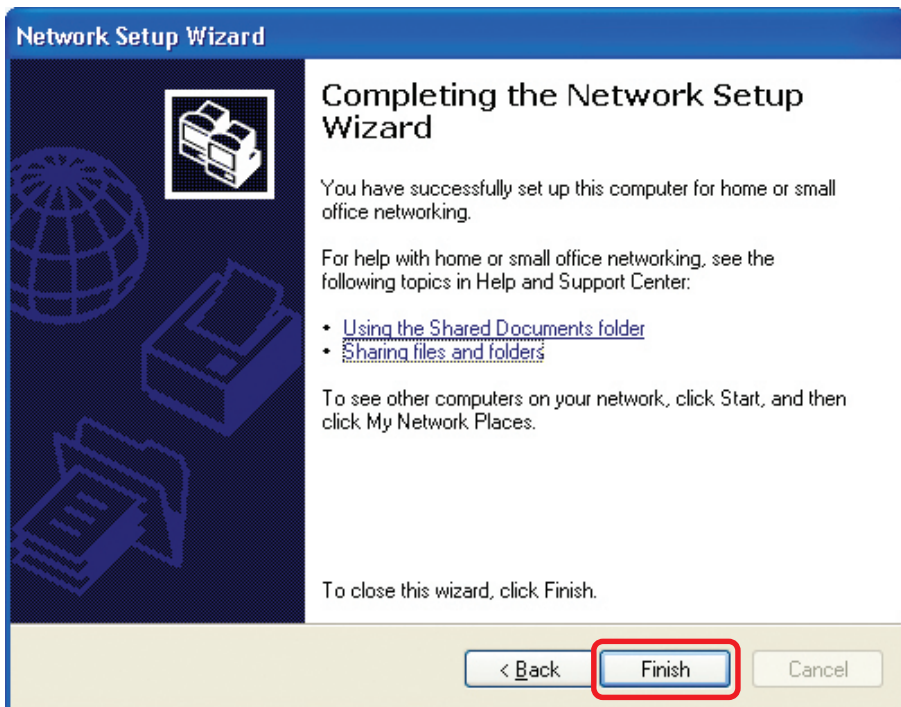


Please read the information under **Here's how** in the screen below. After you complete the **Network Setup Wizard** you will use the **Network Setup Disk** to run the **Network Setup Wizard** once on each of the computers on your network. To continue click **Next**.

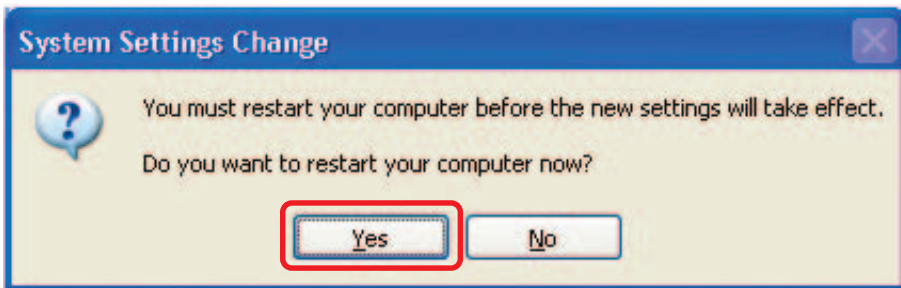


Networking Basics (continued)

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.