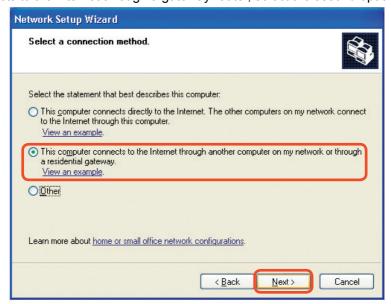
Please follow all the instructions in this window:

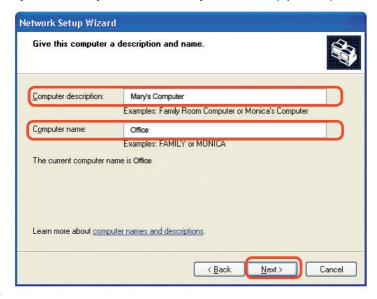


Click Next

In the following window, select the best description of your computer. If your computer connects to the internet through a gateway/router, select the second option as shown.

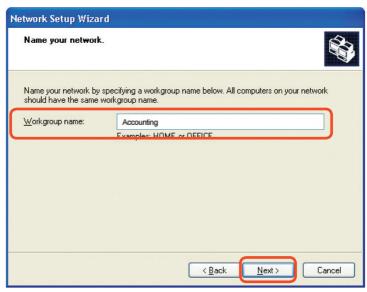


Enter a Computer description and a Computer name (optional.)



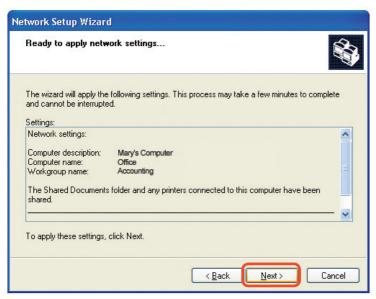
Click Next

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



Click Next

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.



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**.



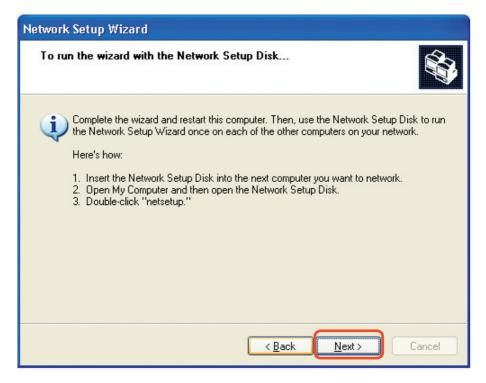
Insert a disk into the Floppy Disk Drive, in this case drive A.



Click Next



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.**



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.

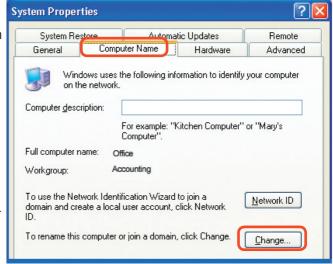
Naming your Computer

To name your computer, please follow these directions: In **Windows XP**:

- Click Start (in the lower left corner of the screen)
- Right-click on My Computer
- Select Properties and click

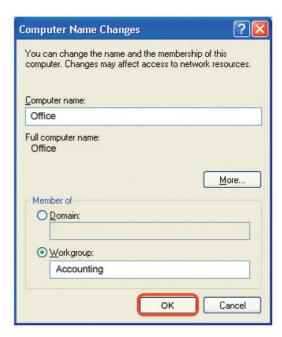


- Select the Computer Name Tab in the System Properties window.
- You may enter a Computer Description if you wish; this field is optional.
- To rename the computer and join a domain, Click Change.



Naming your Computer

- In this window, enter the Computer name
- Select Workgroup and enter the name of the Workgroup
- All computers on your network must have the same Workgroup name.
- Click OK



Checking the IP Address in Windows XP

The wireless adapter-equipped computers in your network must be in the same IP Address range (see Getting Started in this manual for a definition of IP Address Range.) To check on the IP Address of the adapter, please do the following:

Right-click on the **Local Area Connection icon** in the task bar



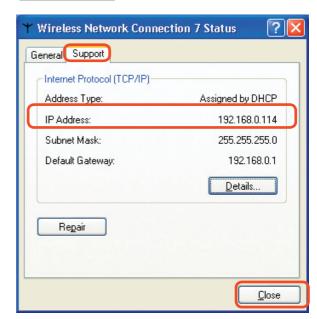
Click on Status

Checking the IP Address in Windows XP

This window will appear.

Click theSupport tab

Click Close



Assigning a Static IP Address in Windows XP/2000

Note: Residential Gateways/Broadband Routers will automatically assign IP Addresses to the computers on the network, using DHCP (Dynamic Host Configuration Protocol) technology. If you are using a DHCP-capable Gateway/Router you will not need to assign Static IP Addresses.

If you are not using a DHCP capable Gateway/Router, or you need to assign a Static IP Address, please follow these instructions:

Go to Start

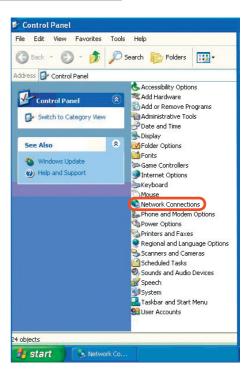
Double-click on Control Panel



Assigning a Static IP Address in Windows XP/2000

Double-click on Network Connections

- Right-click on Local Area Connections
- Double-click on Properties





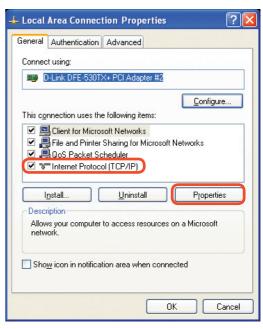
Assigning a Static IP Address in Windows XP/2000

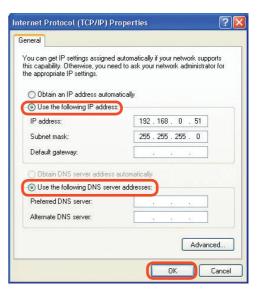
- Click on Internet Protocol (TCP/IP)
- Click Properties
- Input your IP address and subnet mask. (The IP Addresses on your network must be within the same range. For example, if one computer has an IP Address of 192.168.0.2, the other computers should have IP Addresses that are sequential, like 192.168.0.3 and 192.168.0.4. The subnet mask must be the same for all the computers on the network.)

Input your DNS server addresses. (Note: If you are entering a DNS server, you must enter the IP Address of the Default Gateway.)

The DNS server information will be supplied by your ISP (Internet Service Provider.)

Click OK



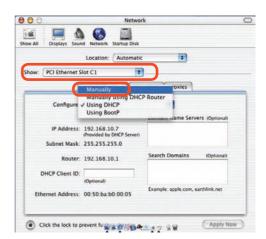


Assigning a Static IP Address with Macintosh OSX

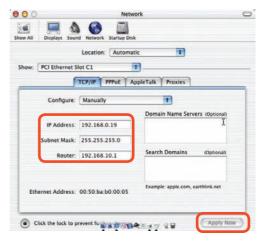
- Go to the Apple Menu and select System Preferences
- Click on Network



- Select Built-in Ethernet in the Show pull-down menu
- Select Manually in the Configure pull-down menu

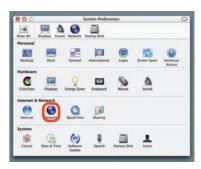


- Input the Static IP Address, the Subnet Mask and the Router IP Address in the appropriate fields
- Click Apply Now

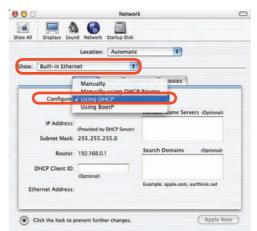


Selecting a Dynamic IP Address with Macintosh OSX

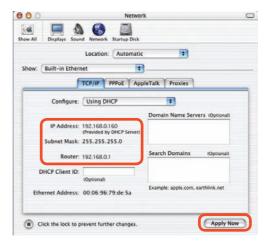
- Go to the Apple Menu and select System Preferences
- Click on Network



- Select Built-in Ethernet in the Show pull-down menu
- Select Using DHCP in the Configure pull-down menu

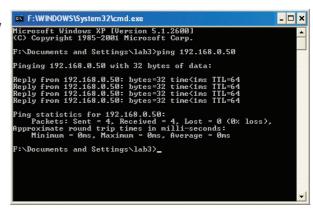


- Click Apply Now
- The IP Address, Subnet mask, and the Router's IP Address will appear in a few seconds



Checking the Wireless Connection by <u>Pinging in Windows XP and</u> 2000

Go to Start > Run > type cmd. A window similar to this one will appear. Type ping xxx.xxx. xxx, where xxx is the IP Address of the Wireless Router or Access Point. A good wireless connection will show four replies from the Wireless Router or Acess Point, as shown.



Checking the Wireless Connection by <u>Pinging in Windows Me</u> and 98

Go to Start > Run > type **command**. A window similar to this will appear. Type ping xxx.xxx. xxx.xxx where xxx is the IP Address of the Wireless Router or Access Point. A good wireless connection will show four replies from the wireless router or access point, as shown.

```
Aud 

C:\NJNNDUS\Sed..

C:\NJNNDUS\Sed..

C:\NJnng 192.168.0.1

Pinging 192.168.0.1: bytes of data:

Reply from 192.168.0.1: bytes 32 time (10m III-64

Reply from 192.168.0.1: bytes 32 time (1
```

Troubleshooting

This Chapter provides solutions to problems that can occur during the installation and operation of the DI-524 Wireless Broadband Router. We cover various aspects of the network setup, including the network adapters. Please read the following if you are having problems.

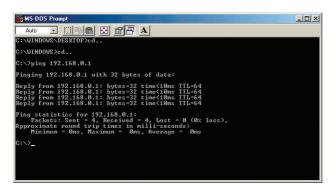
Note: It is recommended that you use an Ethernet connection to configure the DI-524 Wireless Broadband Router.

1.The computer used to configure the DI-524 cannot access the Configuration menu.

- Check that the Ethernet LED on the DI-524 is ON. If the LED is not ON, check that the cable for the Ethernet connection is securely inserted.
- Check that the Ethernet Adapter is working properly. Please see item 3 (Check that the drivers for the network adapters are installed properly) in this Troubleshooting section to check that the drivers are loaded properly.
- Check that the IP Address is in the same range and subnet as the DI-524. Please see Checking the IP Address in Windows XP in the Networking Basics section of this manual.

Note: The IP Address of the DI-524 is 192.168.0.1. All the computers on the network must have a unique IP Address in the same range, e.g., 192.168.0.x. Any computers that have identical IP Addresses will not be visible on the network. They must all have the same subnet mask, e.g., 255.255.255.0

Do a Ping test to make sure that the DI-524 is responding. Go to Start>Run>Type Command>Type ping 192.168.0.1. A successful ping will show four replies.



Note: If you have changed the default IP Address, make sure to ping the correct IP Address assigned to the DI-524.