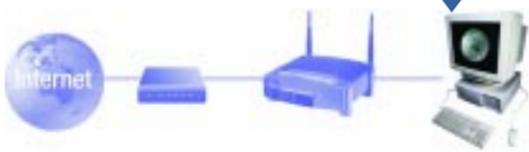


Step 2: Configure the PCs



In Step 2, you will configure each of your computers to communicate with the Router.

To do this, you will need to configure your PC's network settings to obtain an IP (or TCP/IP) address automatically. Computers use IP addresses to communicate with each other across a network or the Internet.

Find out which operating system your computer is running, such as Windows 95, 98, Millennium, 2000, or XP. You will need to know which operating system your computer is running. You can find out by clicking the Start button and then selecting the Settings option. (If your Start menu doesn't have a Settings option, you're running Windows XP. You can select the Control Panel directly from the Start Menu.) Then, click Control Panel and double-click the System icon. Click the Cancel button when done.

Once you know which Windows operating system you are running, follow the directions in this step for your computer's operating system. You may need to do this for each computer you are connecting to the Router.

The next few pages tell you, step by step, how to configure your TCP/IP settings based on the type of Windows operating system you are using. Once you've configured your computers, continue to Step 3: Configure the Router.

If you are running: Windows 95, Windows 98, Windows Millennium

- A. Click the **Start** button, click **Settings** and open the **Control Panel**. From there, double-click the **Network** icon to open the Network screen.
- B. Select the **Configuration** tab and highlight the **TCP/IP line** for the applicable Ethernet adapter*. If the word **TCP/IP** appears by itself, select that line**. Then, click the **Properties** button.
- C. Click the **IP Address** tab and select **Obtain an IP address automatically**.
- D. Click the **Gateway** tab and verify that the Installed Gateway field is blank. Click the **OK** button.
- E. Click the **OK** button again. Windows may ask you for the original Windows installation disk or additional files. Supply them by pointing to the correct file location, e.g., D:\win98, D:\win9x, c:\windows\options\cabs, etc. (This assumes that "D" is the letter of your CD-ROM drive).
- F. If Windows asks you to restart your PC, click the **Yes** button. If Windows does not ask you to restart, restart your computer anyway.



*Note: Do not choose a TCP/IP entry whose name mentions DUN, PPPoE, VPN, or AOL.

**Note: If there is no TCP/IP line listed, refer to the User Guide found on the Setup Wizard CD-ROM or your Ethernet adapter's documentation to install TCP/IP now.

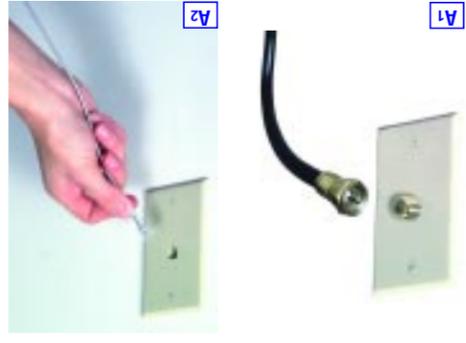
Step 1: Connect the Router



In Step 1, you will connect the Router to your cable or DSL modem and to your home or business computers.

First, make sure that all devices you'll be working with are powered down, including your PCs, modem, and the Router.

A. If you haven't already done so, connect your cable or DSL modem to its proper connection—the coaxial jack for cable (Figure A1), or the phone jack for DSL (Figure A2). (Follow the instructions from your cable or DSL modem's installation guide.)



- B. Using an Ethernet cable, connect the LAN or Ethernet port of the cable or DSL modem to the Router's WAN port.
- C. Connect an Ethernet cable to your PC's Ethernet adapter. Connect the other end of the cable to one of the Router's LAN ports. Repeat this process for every PC you wish to connect to the Router.
- Note: If your PC's Ethernet adapter is not set up, please refer to the Ethernet adapter's documentation for more information.



D. Connect the power adapter to the Router's Power port. Then, connect the power adapter to an electrical outlet. Turn on the cable or DSL modem. Then turn on the first PC you wish to use when configuring the Router.

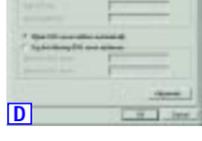
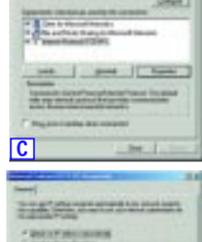
Note: For ease of installation, start with LAN Port 1 on the Router, then Port 2, Port 3, and finally Port 4.



If you are connecting more than four PCs to the Router, you will need to connect a hub or switch to the Router's Uplink port (if you use the Router's Uplink port, then you cannot use Port 1). For information on Uplinking, please refer to the User Guide located on the Setup Wizard CD-ROM.

Proceed to Step 2: Configure the PCs on the next page.

- A. Click the **Start** button, open the **Control Panel**, and click the **Network and Internet Connections** icon. Then, click the **Network Connections** icon to display the Network screen.
- B. Select the **Local Area Connection** icon for the applicable Ethernet adapter (usually it is the first Local Area Connection listed). Double-click **Local Area Connection** and click the **Properties** button.
- C. Select **Internet Protocol (TCP/IP)** and click the **Properties** button.
- D. Select **Obtain an IP address automatically** and click the **OK** button on the subsequent screens to complete the PC's configuration.
- E. Restart your computer.



If you are running: Windows XP

The following instructions assume you are running Windows XP's default interface. If you are using the Classic interface (where the icons and menus look like previous Windows versions), please follow the instructions for Windows 2000.

- A. Click the **Start** button, open the **Control Panel**, and click the **Network and Internet Connections** icon. Then, click the **Network Connections** icon to display the Network screen.
- B. Select the **Local Area Connection** icon for the applicable Ethernet adapter (usually it is the first Local Area Connection listed). Double-click **Local Area Connection** and click the **Properties** button.
- C. Select **Internet Protocol (TCP/IP)** and click the **Properties** button.
- D. Select **Obtain an IP address automatically** and click the **OK** button on the subsequent screens to complete the PC's configuration.
- E. Restart your computer.



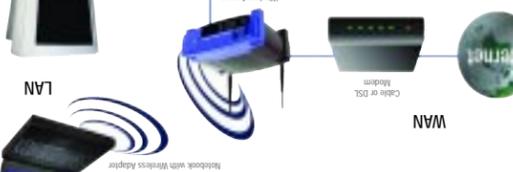
This Fast Start guide will direct you how to set up the Router with Ethernet cables. While the Router wirelessly will connect, details about setting up the Router wirelessly will not be addressed in this Fast Start guide. Those who wish to set up the Router through their wireless connection should refer to the Setup Utility or in the User Guide located on the Setup Utility CD.

- Step 1: Connect the Router
- Step 2: Configure the PCs
- Step 3: Configure the Router

This Fast Start guide gives you the "big picture" of what you need to set up a basic home or business network. The next three sections explain how you will set up and configure your equipment to enable shared high-speed access to the Internet.

This walk-through process of connecting the Router to your cable or DSL modem. Then, it shows you how your PCs are connected to the Router.

This describes how your PCs are configured to communicate with the Router.



Introduction

Thank you for choosing the Instant Wireless™ Wireless Access Point Router. This Router will allow you to set up a network with your PCs and even share your Internet connection.

How does the Router do all of this? By connecting your cable or DSL modem directly to the Router and using the Router's Ethernet ports to connect your PCs, it's almost as if each PC is connected directly to the Internet. In this way, you can have several PCs utilizing one Internet connection simultaneously. Plus, because it's also an Access Point, the Router can bridge your Ethernet network with your wireless PCs.

Networks are useful tools for sharing computer resources. You can access one printer from different computers and access data located on another computer's hard drive. Networks are even used for playing multiplayer video games. So, networks are not only useful in homes and offices, they can also be fun.

The PC's you connect to the Router's four LAN ports, when properly configured, create a LAN, or Local Area Network. They are connected with an Ethernet cable plugged into your computer's Ethernet adapter at one end and into one of the Router's LAN ports (numbered from one to four) at the other end. The term "Ethernet" is used to refer to your network accessors, such as cables and adapters, because Ethernet refers to the type of network you are setting up. In your Router's documentation, Ethernet refers to 100Mbps and 10Mbps refer to speeds used by network devices. When transferring data at 100Mbps, you are moving the equivalent of over seven floppy disks every second! Network accessors that function at 100Mbps move data ten times faster!

PCs can also interact with the Router wirelessly. By configuring your wireless PCs with the same wireless settings as the Router, you can bridge these wireless PCs while integrating them into your existing Ethernet network.

Perhaps the most remarkable thing the Router does is to allow you to share your cable or DSL connection. This is done by connecting your cable or DSL modem to the Router's WAN port with an Ethernet cable. (WAN refers to a Wide Area Network.) The Internet is a network that, being global, covers the widest area of all! The PCs connected to the Router share this connection.

Use the instructions in this Fast Start to help you connect the Router, configure your PCs, and configure the Router in your network. These instructions should be all you need to get you up and running with a basic network, sharing your Internet access. The Router also comes equipped with more advanced functions, but these functions should not be utilized without a further understanding of routers and networks. These and other issues are explained in the User Guide on the Setup Wizard CD-ROM.



Fast Start Wireless Access Point Router with 4-Port Switch

Broadband Networking

If you are doing a brand new setup, please use the Fast Start guide to get you up and running quickly!

www.linksys.com

