Cable/DSL Wireless Broadband 4-Port Router

Easy Start

Version 0.1

Contents

- Product warranty does not apply to damage caused by lightning, power surges or wrong voltage usage.

Part 15 FCC Compliance Statement

(FCC ID: I38-NA8300-001)

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Operating Environment

For Home or Office Use

Notice

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation, if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution

To comply with the limits for the Class B digital device according to Part 15 of FCC Rules, this device must be installed in computer equipment certified to comply with the Class B limits. All cables used to connect the computers and peripherals must be shielded and grounded. Operation with non-certified/shielded cables may result in radio/TV interference.

Modification

Any modification not expressly approved by the manufacturer of this device could void the user's authority to operate the device.

Party Responsible for Product Compliance:

Aztech Labs, Inc.
45645 Northport Loop East
Fremont, CA 94538, U.S.A.

RF Exposure Warning

This device has been tested for compliance with FCC RF Exposure (SAR) limited in typical laptop configurations. □
In order to comply with SAR limits established in the ANSI C95.1 standards, it is recommended the device is positioned [more than 20cm from your body or nearby persons during extended periods of operation. If the antenna is positioned [less than 20cm from the user, it is recommended that the user limit exposure time. □

Introduction

Thank you on your purchase of the Wireless Broadband 4-Port Router! The Wireless 4-Port Router allows you to share high-speed broadband connection with multiple PC using a single device wired or wireless.

The Wireless Broadband 4-Port Router can be connected to any computer/notebook with a 10/100 Base-T Ethernet card for wired connection or a IEEE 802.11g Wireless adapter. The Ethernet port have Auto MDI/MDIX feature which allows both cross or straight UTP cable to be utilized. The Wireless 4-port Ethernet Router has an in-built IEEE802.11g Wireless LAN Access Point for wireless connectivity.

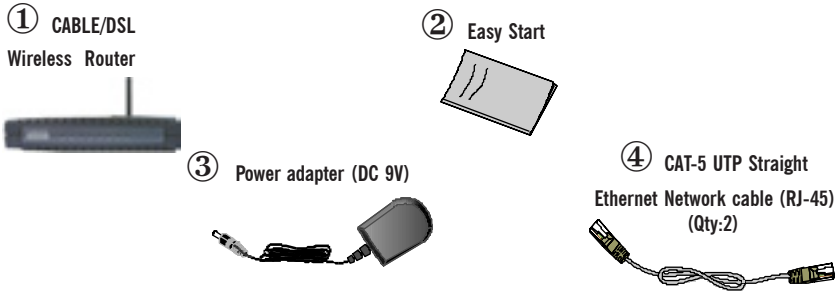
This documentation assumes that you have already installed an Ethernet card or wireless adapter on your computer/notebook.

Minimum System Requirements

- Pentium® MMX 233MHz
- Ethernet card installed with TCP/IP Protocol (Required only if you are connecting to the ETHERNET port of your Router)
- IEEE 802.11g Wireless adapter (Required if you are connecting to the Wireless Access Point of the router)
- OS independent for Ethernet
- Web Browser support:
  Microsoft Internet Explorer 4.0 (or later versions)
  Netscape® Navigator 3.02 (or later versions)

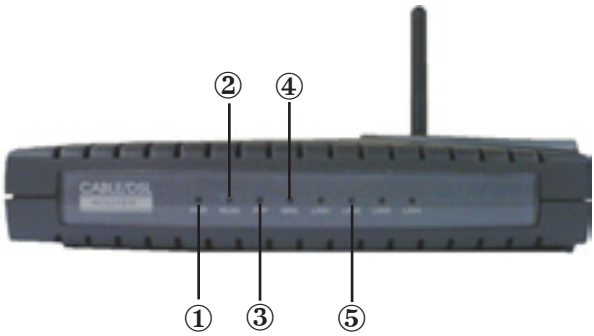
CABLE/DSL Wireless Router Package

For any missing items, please contact your dealer immediately.



CABLE/DSL Wireless Router Overview

Front Indicators



① **POWER**

Lights up when power is supplied to the CABLE/DSL Wireless Router.

② **WLAN**

Lights up when the Wireless LAN connection is established.

③ **PPP**

Lights up when the PPP connection is established.

④ **WAN**

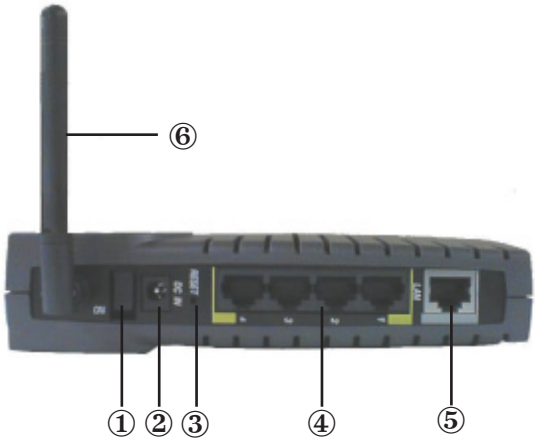
Lights up when the WAN connection is established.

⑤ **LAN LINK/ACT**

Lights up when the Ethernet cable is properly connected from your CABLE/DSL Wireless Router to the Ethernet Card.

Flickers when the LAN is transmitting/receiving data.

Back Indicators



① POWER SWITCH

To power on or off the modem.
I - indicates ON position
O - indicates OFF position.

② DC IN

To connect to the Power Adapter that comes with your package.

③ RESET

To reset your CABLE/DSL Wireless Router to factory default settings.(All customised settings that you have saved will be lost!)Please refer to the below footer[2] on how to activate the reset function.

④ ETHERNET

10/100 Base-T Ethernet jack (RJ-45) to connect to your Ethernet Network card or Ethernet Hub / Switch

⑤ Modem

To connect to the CABLE/DSL modem.

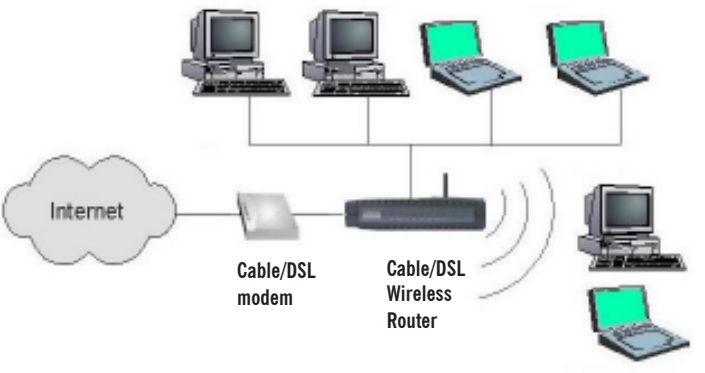
⑥ RF Antenna

180° 2.4Ghz Wireless Antenna.

2 To activate the reset function:
- *Ensure that your CABLE/DSL Router is powered on.*
- *Use a paper clip or a pencil tip to depress the reset button and release. At this point, the **WAN** indicator light will go off, followed by the **ETHERNET** indicators. The reset is in progress.*
- *When the WAN indicator light up or blinking, it means that the reset process is completed. The default settings are now restored.*

Typical CABLE/DSL Wireless Router Connections

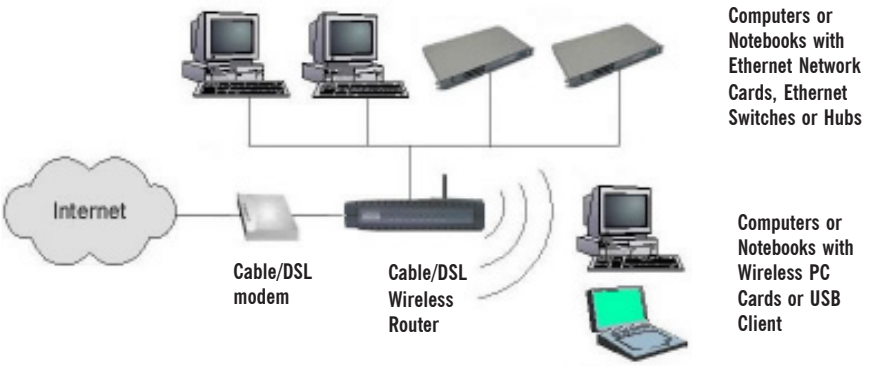
Up to 4 PCs Connections



With the Auto MDI/MDIX feature, both cross and straight UTP cable can be utilized.

For More than 4 PCs Connections

To connect to more than 4 computers/notebooks, you may further expand one of the Ethernet Ports via an Ethernet Hub/Switch. For details on how to connect to the Ethernet Switch/ Hub, please refer to the documentation that comes with the unit.



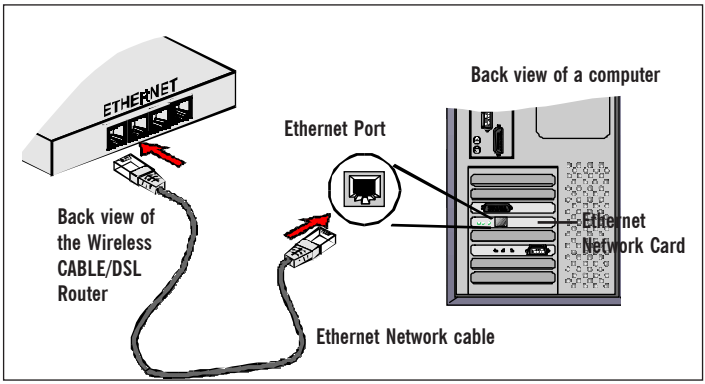
With the Auto MDI/MDIX feature, both cross and straight UTP cable can be utilized.

Step 1: Connecting the CABLE/DSL Wireless Router to Your Computer/Notebook

Power off your Computer/Notebook or/and any connected devices before connecting to the ADSL Router!

1.1 Connecting to the Ethernet

Connect your computer(s)/notebook(s) to the CABLE/DSL Wireless Router as illustrated. The following illustration shows the connection of a single computer.



(All the Ethernet Ports on the CABLE/DSL Router are Auto MDI/MDIX. Both Straight and Cross Ethernet Network cables can be used).

NOT SURE HOW THE ETHERNET PORT LOOKS LIKE?

The following are some tips to help you locate your Ethernet Ports on your Computer/Notebook. Alternatively, you may refer to the documentation that comes with your Computer/Notebook.

Locating the Ethernet Port on your Computer/Notebook

Most Computers/Notebooks have labels describing the Ports. For Ethernet Port, you will see either **ETHERNET**, **ETH** or **RJ45** labelled near the Port.

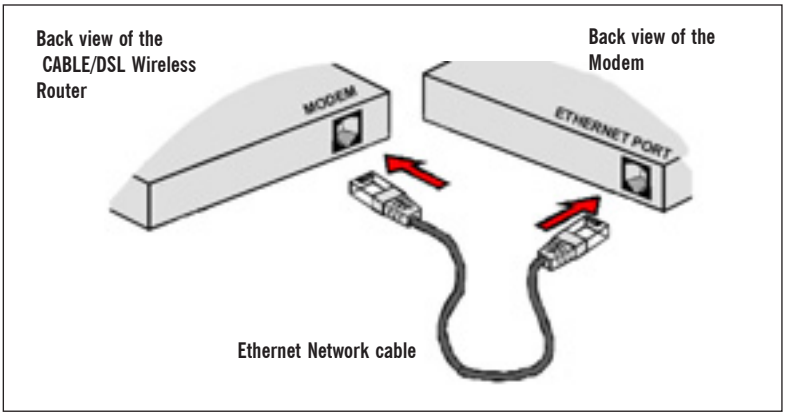
If your Computer/Notebook does not have such descriptions, try the following.

- **Picture A** gives the illustration of an Ethernet Port. All Ethernet Ports have **8** conductors on it. Do not mistaken with the LINE Port (Picture B) that has only 6 conductors.
- The Ethernet Port is slightly bigger than the LINE Port.

A. ETHERNET :  **B. LINE:** 

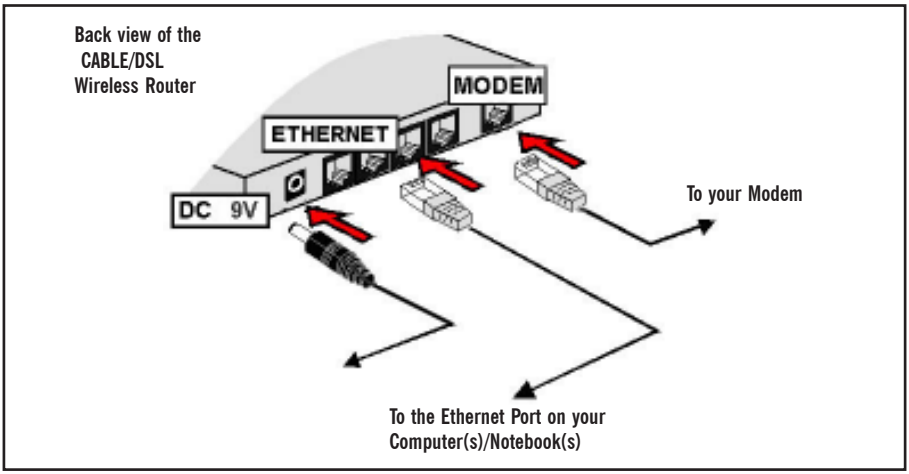
1.2 Connecting to the Modem

Connect your Modem to the Cable/DSL 4 Port Router as illustrated.

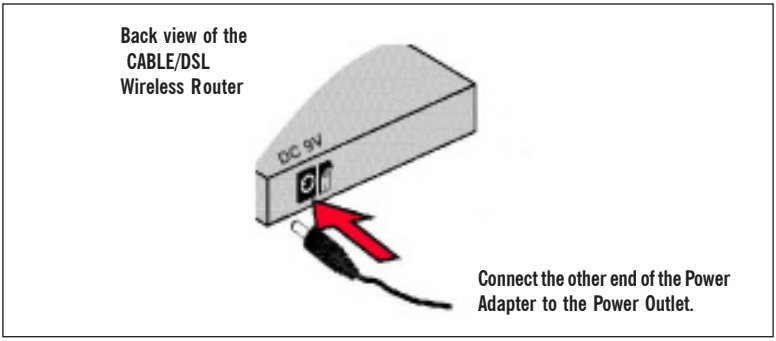


1.3 Checking Your Connections

Please check your connections before proceeding.



1.4 Connecting to the Power Outlet



1.5 Powering On

- Power on the Power Outlet that is connected to your CABLE/DSL Wireless Router.
- Power on your Computer(s)/Notebook(s).

Please proceed to **Step 2**.

Step 2: Configuring Your Ethernet Network Card

2.1 Configuring Your Ethernet Network Card

The following illustrated screen shots serve only as examples. For any dissimilarities, please follow closely the instructions prompted on your Computer.

2.2 For Windows® 98 Second Edition / Windows® Me

i From your Windows desktop, right-click on the **Network Neighborhood** icon. Select **Properties**.

ii From the **Configuration** tab, select **TCP/IP-> xxx** where **xxx** refers to **the model of your Ethernet Card that is connected to your CABLE/DSL Wireless Router**.

Click **Properties**.

(This screen shot uses **3Com EtherLink** Ethernet card model as an example).

iii Click the **IP Address** tab.

Click the option **Obtain an IP address automatically** and click **OK** to save the settings.

Ensure that your CABLE/DSL Wireless Router is powered on. Restart your system.

Proceed to **Step 3**.

2.3 For Windows® 2000 / Windows® XP

i **Windows® 2000:**

a) From your Windows desktop, right-click on the icon **My Network Places** and select **Properties**.

b) At the **Network and Dial-up Connections** window, right-click on the **Local Area Connection** icon and select **Properties**.

Windows® XP:
(Instructions are based on default **Start menu** option)

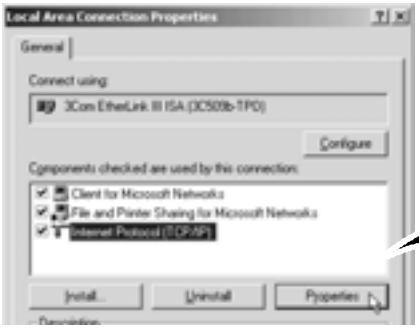
a) From your Windows desktop, click **Start** > **All Programs** > **Accessories** > **Communications** > **Network Connections**.

b) Right-click on the **Local Area Connection** icon that reflects **the model of your Ethernet Card that is connected to your CABLE/DSL Wireless Router** and click **Properties**.

ii Ensure that the field **Connect Using** indicates the model of your Ethernet Card that is connected to your ADSL Router.

(This is important especially if you have more than one **Local Area Connection** icons displayed at the **Network and Dial-up Connections** / **Network Connections** window. Ensure that you have selected the correct one.)

Select **Internet Protocol (TCP/IP)** and click **Properties**.



(This screen shot uses **3Com EtherLink** Ethernet card model as an example).

iii Select the option **Obtain an IP address automatically** and click **OK**.

Click **OK** again to close.

Ensure that your CABLE/DSL Wireless Router is powered on. Restart your system.

Proceed to **Step 3**.

Step 3: Configuring Your Internet Browser

3.1 Microsoft® Internet Explorer™ (based on IE 5.5)

i From your Windows desktop, double-click on your Internet Explorer icon  to launch your Browser.

ii From the Menu, click **Tools** and select **Internet Options...** .

iii Select the **Connection** tab. Click the field, '**Never dial a connection**'. (This option will be grayed off if you have not installed an analog modem on your computer/notebook before. Proceed with **3.1 iv**).

iv Click the **LAN Settings...** button. Ensure that your **Proxy Server** is not enabled.

v Click **OK** to close the dialog box.

You may now proceed to **Step 4** to establish your Internet connection.

3.2 Netscape® Navigator

i From your Windows desktop, double-click on your Navigator icon  to launch your Browser.

ii Depending on your Netscape versions, carry out one of the following instructions:

Click **Options** > **Network Preferences**.
Select **Proxies**. Ensure that the **No Proxies** option is selected.

OR

Click **Edit** > **Preferences**.
Select **Advanced** and click **Proxies**. Ensure that the option **Direct Connection to the Internet** is enabled.

iii Click **OK** for changes to take effect.

You may now proceed to **Step 4** to establish your Internet connection.

Step 4: Accessing To The Router

i From your Internet Browser, key in **http://10.0.0.1** at the address bar and hit <**Enter**>.

P/N: 040-511xxx-101 (Ref:NA8300)