

TEW-311BRP

Wireless Internet Router

Quick Installation Guide

This product can be set up using any current web browser, i.e., Internet Explorer 5.x or above, Netscape Navigator 4.x or above.

Before You Begin

1. If you purchased this router to share your high-speed Internet connection with other computers, you must have either an Ethernet-based Cable Modem or a DSL Modem with an established Internet account from an Internet Service Provider (ISP).
2. It's best to use the same computer that is connected to your modem for configuring the TEW-311BRP Wireless Router. The TEW-311BRP acts as a DHCP server and will assign all the necessary IP address information on your network. **See Appendix at the end of this Quick Installation Guide or the Manual on the CD-ROM for setting each network adapter to automatically obtain an IP address.**

Package Contents

These are the items included with your TEW-311BRP:

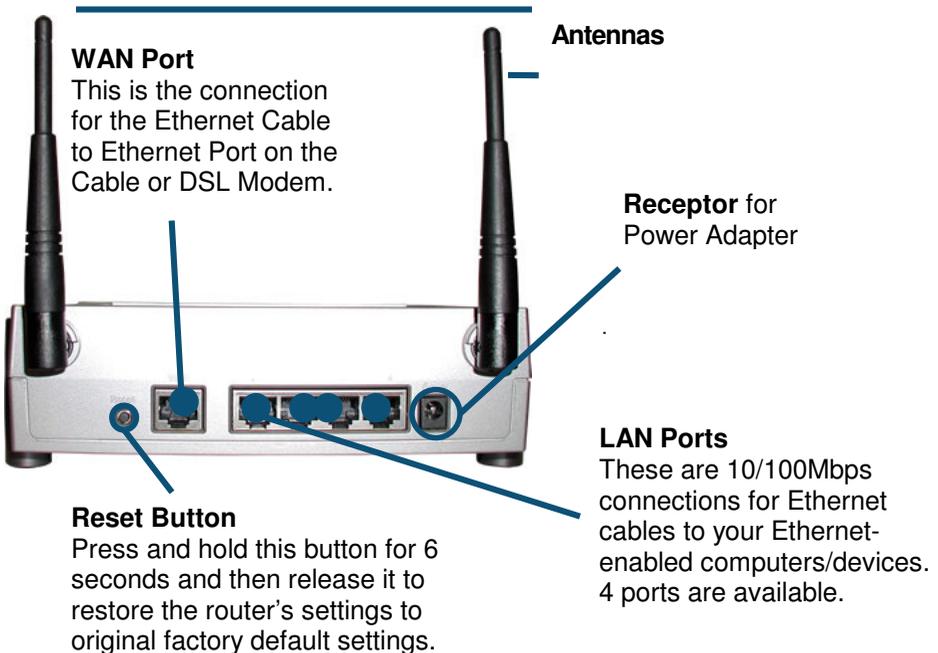
- **TEW-311BRP Wireless Broadband Router**
- **CD-ROM (containing Manual and Warranty)**
- **Ethernet (CAT5 UTP/Straight-Through) Cable**
- **5V DC, 2.5A Power Adapter**

If any of the above items are missing, please contact your reseller.

Warning! Using a power supply with a different voltage rating will damage and void the warranty for this product.

1. Connecting The TEW-311BRP Wireless Router To Your Network

- A. First, connect the power adapter to the **receptor** on the back panel of the TEW-311BRP and then plug the other end of the power adapter to a wall outlet or power strip. The Power LED on the front panel will turn **ON** (green).
- B. Insert one end of an Ethernet cable to the **WAN port** on the back panel of the TEW-311BRP and the other end to the Ethernet port located on your Cable or DSL modem. The Link/Act of the WAN LED lights will illuminate (green) to indicate proper connection.
- C. Connect the Ethernet cable to **LAN port 1** on the back panel of the TEW-311BRP and the Ethernet port on the network adapter in the computer you are using to configure the TEW-311BRP. The Link/Act LED light for LAN Port 1 will illuminate (green) to indicate proper connection. (Note: Some computers already have network adapters pre-installed.)
- D. Computers equipped with 802.11b (or equivalent) wireless adapters will be able to connect to the TEW-311BRP. The TEW-301PC Wireless CardBus Adapter and the TEW-303PI Wireless PCI Adapter will be able to connect, out of the box, with this router using their default wireless settings (**ESSID: default, No WEP**).



2. Check Computer's TCP/IP Setting

After making the connections described in Step 1, please check computer's TCP/IP setting and make sure it is set at **Obtain IP Address automatically**.

For Windows XP

Go to **Start** > right-click on **My Network Places** > select **Properties** > double-click on the **Local Area Connection** associated with the network adapter > select **Properties** > select **Internet Protocol (TCP/IP)** > click **Properties**

Click
Obtain an IP address automatically

Click
Obtain DNS server address automatically

Click **OK**



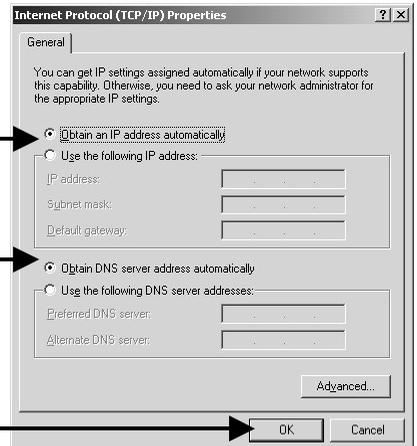
For Windows 2000

Go to **Start** > **Settings** > **Network and Dial-up Connections** > Double click on the **Local Area Connection** associated with the network adapter > select **Properties** > select **Internet Protocol (TCP/IP)** > click **Properties**

Click
Obtain an IP address automatically

Click
Obtain DNS server address automatically

Click **OK**



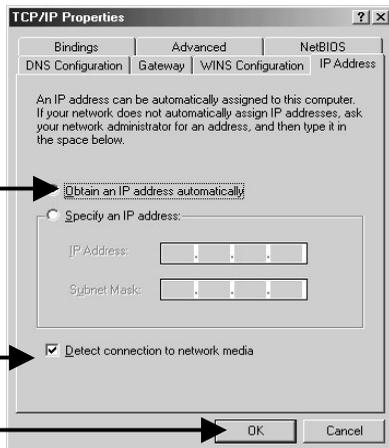
For Windows 98/ME

Go to **Start > Settings > Control Panel > Double-click on the Network** associated with the TEW-301PC > click **Properties > select Internet Protocol (TCP/IP) > click Properties**

Click
Obtain an IP address automatically

Select **Detect connection to network media.**

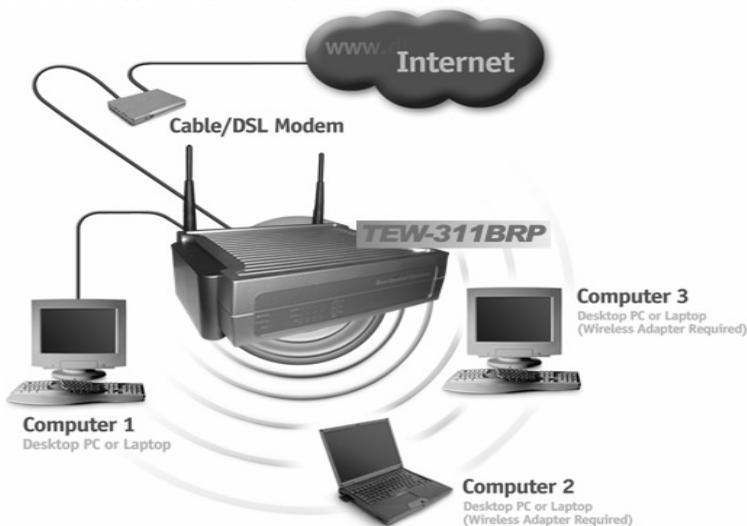
Click **OK**



3. Connecting Additional Computers To The TEW-311BRP Wireless Router

Using additional Ethernet (CAT5 UTP) cables, connect your Ethernet-equipped computers to the remaining Ethernet LAN ports on the back panel of the TEW-311BRP.

When you have completed the steps in this *Quick Installation Guide*, your connected network should look similar to this:



4. Configuration using The Setup Wizard

Open your **Web Browser** and type **http://192.168.1.1** into the URL address box. Then press the **Enter** or **Return** key.



The logon pop-up screen appears.

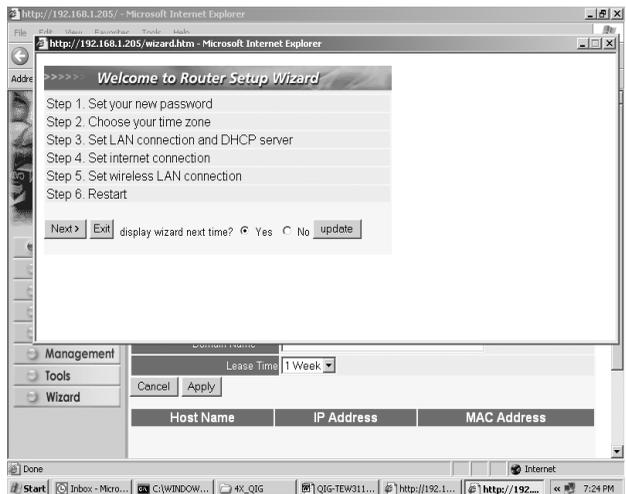
Type in **admin** for the **User name** and **admin** for **Password**.



Click **OK**

After logging in the configuration, the **“Welcome to Router Setup Wizard”** appears on top of the configuration page.

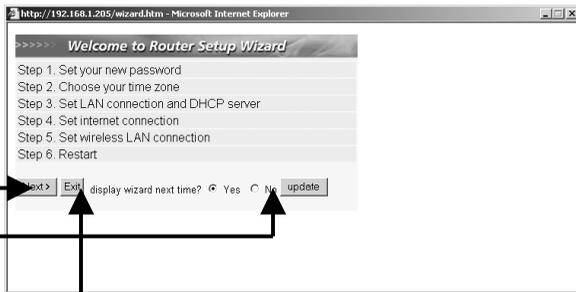
Note: If you are familiar with the setup process, you can close the wizard window.



Click **Next** to go to **Step 1** and setup a new login password

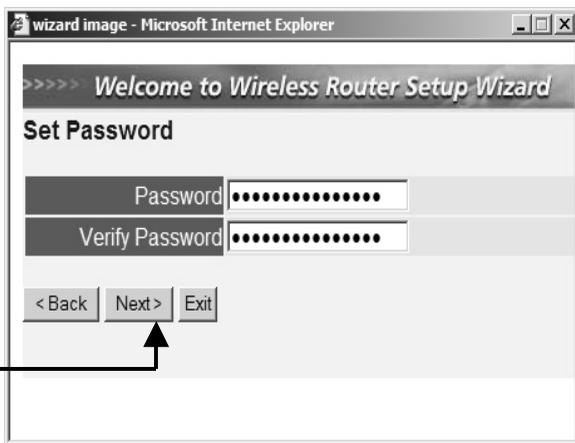
If you don't want the Wizard to pop up when you open the configuration page, click on **No** and click on **update**.

Click **Exit** to close the Wizard.



Step 1 - Set Password: You have the option to setup a new password. The Password can be up to 15 characters long. Input the desired password in **Password** field and then repeats the same password in **Verify Password** field.

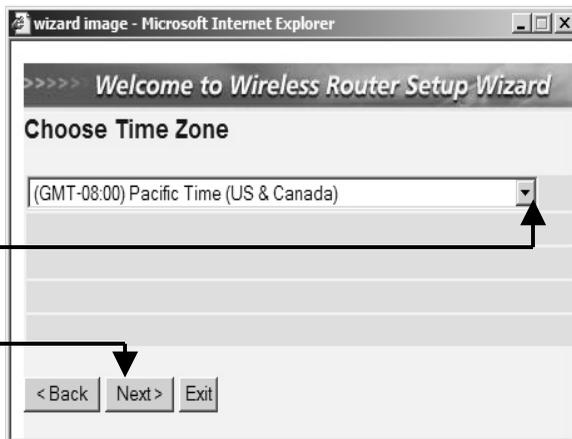
Click **Next**



Step 2 - Choose Time Zone:

Click on the dropdown arrow and select the time zone of your location

Click **Next**



Step 3 – Set LAN & DHCP Server

Server: It is not necessary to change these settings. If you change and save the IP Address/DHCP Server settings, please keep in mind that you may need to also change the computer's TCP/IP settings. You will not be able to configure the router if computer's IP address range is different from router's IP range.

LAN IP Address	192.168.1.1
LAN Subnet Mask	255.255.255.0
DHCP Server	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Range Start	192.168.1.2
Range End	192.168.1.100

< Back Next > Exit

Click **Next**

After clicking **Next** in Step 3, the Router starts **Auto-Detecting WAN** connection type. This may take a few seconds.

Step 4 – Select Internet Connection Type:

If the **Auto Detecting WAN** did not select the correct **Internet Connection Type**, click to select one of these settings.

Warning! If you are unsure of which setting to select, please contact your Internet Service Provider.

>>>> Welcome to Wireless Router Setup Wizard

Select Internet Connection Type

- Obtain IP automatically (DHCP client)
- Fixed IP address
- PPPoE to obtain IP automatically
- PPPoE with a fixed IP address

< Back Next > Exit

Click **Next**

Obtain IP automatically (DHCP client) – Usually for cable modem connections. Some Internet Service Providers (ISP) use network adapter's MAC address to monitor user's account. If this is the case, you will need to report the Router's WAN port MAC address to your ISP or you can change the WAN port MAC address to match your network adapter card's MAC address. To do this, please click on **Main** from the menu at the screen's left hand side, click on **WAN** from the menu bar on the top, at **Connection Type** select **DHCP Client** or **Fixed IP**, input the desired address at the **MAC address** field, and click **Apply** to save the changes.

Fixed IP address – select this when you have a **Fixed IP address** from your ISP, enter it in the **WAN IP Address** field. Your ISP would also provide you **Subnet Mask**, **Gateway**, and **DNS Server Addresses**, enter them in the correspondent fields.

(**Note**: if you only have one DNS Server Address, input it in DNS Server Address 1 and input 0.0.0.0 in DNS Server Address 2 and 3.

Click **Next**

The screenshot shows a web browser window titled "wizard image - Microsoft Internet Explorer". The page content is "Welcome to Wireless Router Setup Wizard" and "Set Fixed IP Address". It contains a form with the following fields:

WAN IP Address	192.168.0.100
WAN Subnet Mask	255.255.255.0
WAN Gateway Address	192.168.0.1
DNS Server Address 1	0.0.0.0
DNS Server Address 2	0.0.0.0
DNS Server Address 3	0.0.0.0

PPPoE to Obtain IP

automatically – Usually this is for xDSL modem that requires running PPPoE software to logon the Internet.

Enter the **User Name**, **Password**, retype the password again in **Verify Password**, and click **Next**.

Note: After you have configured the router for PPPoE, please remove the PPPoE software on the computers in the network.

The screenshot shows a web browser window titled "wizard image - Microsoft Internet Explorer". The page content is "Welcome to Wireless Router Setup Wizard" and "Set PPPoE to obtain IP automatically". It contains a form with the following fields:

User Name	<input type="text"/>
Password	<input type="password"/>
Verify Password	<input type="password"/>

At the bottom, there are three buttons: "< Back", "Next >", and "Exit".

Note: *User Name and Password can be up to 63 characters.*

PPPoE with a fixed IP address

– For login with PPPoE and a fixed IP address.

Enter the **User Name**, **Password**, retype the password again in **Verify Password**, input the IP address (from ISP), and click **Next**.

Note: After you have configured the router for PPPoE, please remove the PPPoE software on the computers in the network.

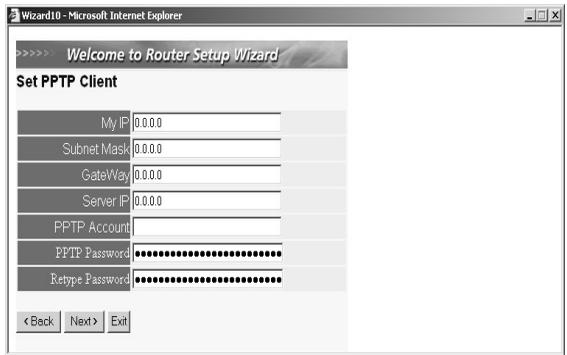
The screenshot shows a web browser window titled "wizard image - Microsoft Internet Explorer". The page content is "Welcome to Wireless Router Setup Wizard" and "Set PPPoE with a fixed IP address". It contains a form with the following fields:

User Name	aaaaa
Password	<input type="password"/>
Verify Password	<input type="password"/>
IP Address	0.0.0.0

PPTP Client – For xDSL modem login with PPTP client.

Enter the IP addresses, PPTP Account and password provided by your ISP.

Note: After you have configured the router for PPTP, please remove the PPTP software on the computers in the network.



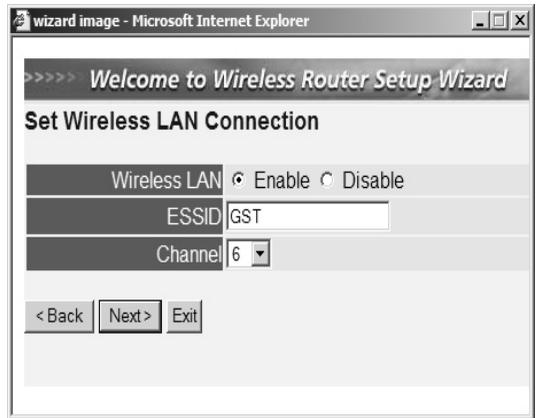
The screenshot shows a web browser window titled "Wizard10 - Microsoft Internet Explorer". The page content is a wizard titled "Welcome to Router Setup Wizard" with the sub-heading "Set PPTP Client". It contains several input fields: "My IP" (0.0.0.0), "Subnet Mask" (0.0.0), "GateWay" (0.0.0), "Server IP" (0.0.0.0), "PPTP Account" (empty), "PPTP Password" (masked with dots), and "Retype Password" (masked with dots). At the bottom, there are three buttons: "< Back", "Next >", and "Exit".

Click **Next**

Step 5 - Set Wireless LAN Connection:

For security purpose, if you don't have any wireless stations in the network, you can **Disable** router's **Wireless LAN** function.

ESSID (Wireless Network Name): Input the ESSID of your wireless LAN.



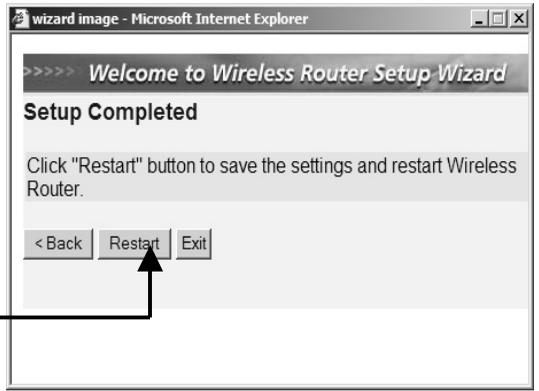
The screenshot shows a web browser window titled "wizard image - Microsoft Internet Explorer". The page content is a wizard titled "Welcome to Wireless Router Setup Wizard" with the sub-heading "Set Wireless LAN Connection". It contains a radio button group for "Wireless LAN" with "Enable" selected and "Disable" unselected. Below this are two input fields: "ESSID" (GST) and "Channel" (6). At the bottom, there are three buttons: "< Back", "Next >", and "Exit".

Channel: Click on the drop-down arrow and select the desired Channel.

Note: All wireless devices in the same network need to have the same ESSID and Channel. This router also acts Wireless Access Point, wireless stations in **Infrastructure** mode with same **ESSID** will automatically switch to the router's channel and connect to the router.

WEP (Encryption) is disabled at default. After finishing the Wizard setup, from the menu on the browser's left hand side, you can click on **Wireless**, click on **WEP** from the Menu Bar on top, and configure the WEP.

Step 6 – Setup Completed:



Click **Restart**



Click **Close**



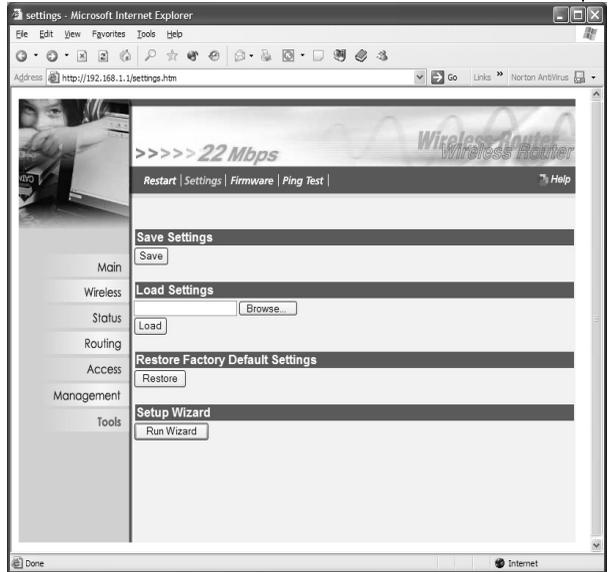
This will close the wizard windows.

5. Test Your Internet Connection

Click **Exit** —————
to close the setup screen

Then **re-launch** your Web browser (i.e., *Internet Explorer* or *Netscape Navigator*), to link to your favorite Web site to test your Internet connection.

For additional settings or information, refer to the **Wireless, Status, Access, Management, and Tools** tabs on the left of the web-management interface; or to the **User's Guide** located in the **CD-ROM**.



Technical Support

You can find the most recent software and user documentation on the **TRENDware website**. **TRENDware** provides **free technical support** for all customers for the duration of the warranty period on this product.

TRENDware Technical Support

Tel: +1-310-891-1100

Fax: +1-310-891-1111

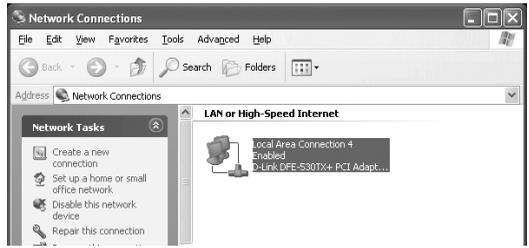
E-mail: support@trendware.com

www.trendware.com

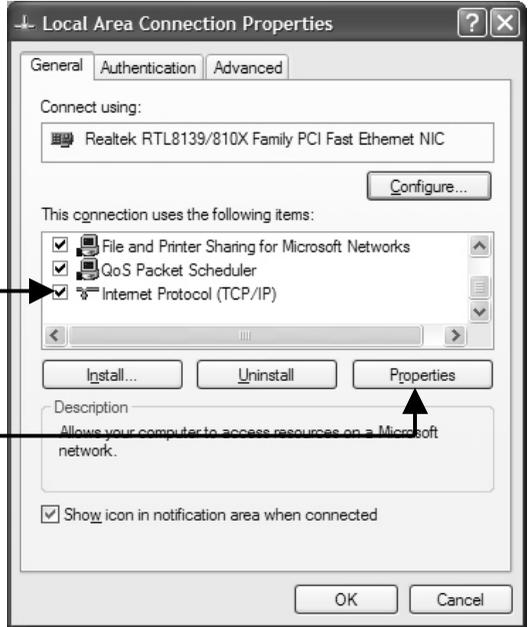
APPENDIX

To connect to the network, make sure the network adapter in your computer is configured properly. Here's how to configure the network adapter to obtain an IP address automatically for the TEW-311BRP Wireless Router.

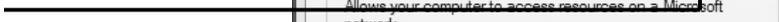
For **Microsoft Windows XP**: Go to **Start > right click on My Network Places > select Properties > Double-click on the Network Connection** associated with the Ethernet adapter.



Click **Internet Protocol (TCP/IP)**



Click **Properties**



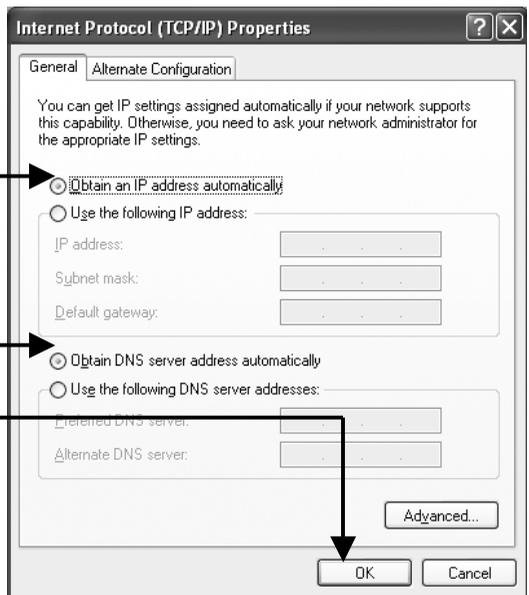
Select **Obtain an IP address automatically**



Select **Obtain DNS server address automatically**

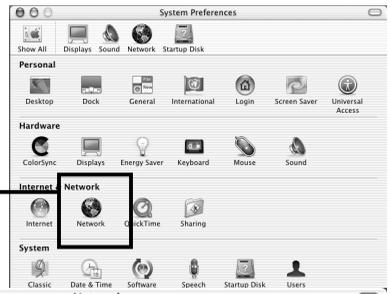


Click **OK**

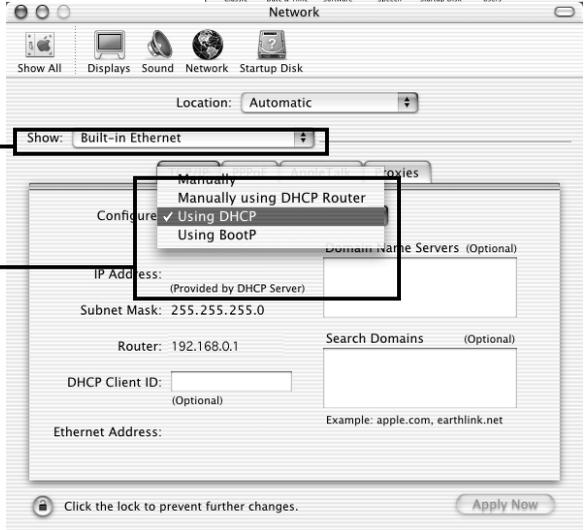


For **Apple Macintosh OS X:**
Go to the **Apple Menu**
and Select **System Preferences.**

Click on
Network

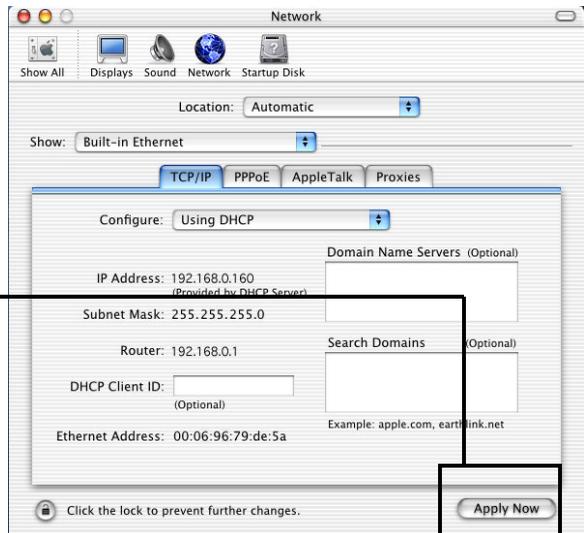


Select **Built-in Ethernet** in the gray pull-down menu



Select **Using DHCP** in the Configure pull-down menu

Click on **Apply Now**



The IP address, the Subnet Mask, the Router's IP address and the Ethernet adapter address (MAC Address) will appear.