

# TEW-431BRP

**Cable/DSL 4-Port Wireless Firewall Router  
Quick Installation Guide**

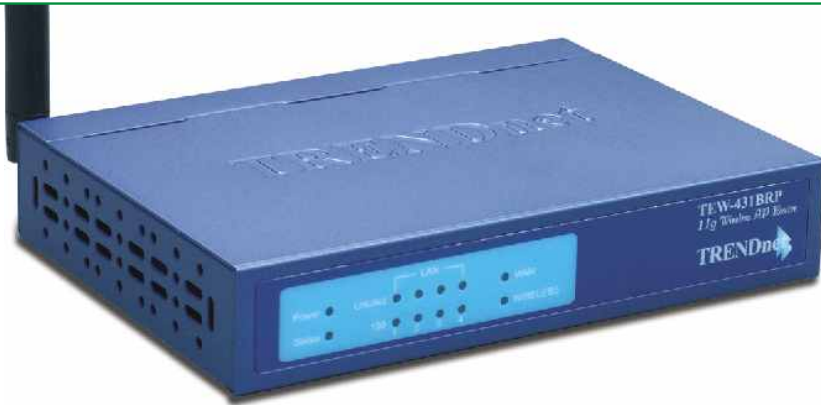
**Guide d'installation rapide du  
Routeur sans fil câble/DSL à 4 ports avec pare-feu**

**Anleitung zur Schnellinstallation des  
DSL/Kabel 4-Port Wireless Firewall Router**

**Guía de Instalación Rápida  
Enrutador cortafuegos inalámbrico Cable/DSL de 4 puertos**

**Руководство по быстрой установке  
4-портового Cable/DSL-маршрутизатора-брандмауэра беспроводных сетей**

**Version 10.21.04**



**TRENDnet**<sup>®</sup>  
TRENDware, USA  
**What's Next in Networking**

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# English QIG

## 1. Prepare for Installation

Thank you for purchasing the TEW-431BRP. This router will allow you to share your internet connection with multiple users while its advanced security features protect your network from intruders and hackers.

This guide will help you set up and configure your wireless router. Following the installation instructions should be quick and easy. If you run into problems, please refer to the Troubleshooting section or the more detailed installation procedures on the User's Guide CD-ROM. If you need further technical support, please visit [www.TRENDNET.com](http://www.TRENDNET.com) or call by phone.

### Verify Package Contents

Please make sure you have everything in the box:



### Verify Equipment

Before installing the router you should have:

1. A Cable/DSL Modem with an Ethernet Port Set-up.
2. An Activated Broadband Internet Account.
3. A Web Browser such as Internet Explorer (5.0 or higher) or Netscape Navigator (4.7 or higher).
4. An RJ-45 Network Cable for each computer connected to the router.
5. A computer with TCP/IP Protocol installed.
6. Computers(s) with Client for Microsoft Networks Service installed.

## **Collect Internet Service Provider (ISP) Information**

During the installation of your router, the setup wizard will ask you for specific Internet Service Provider (ISP) information your ISP should have provided you with. The information is different based on your type of Cable or DSL Internet Connection. Please verify your Internet connection type and ensure you have the following information:

### **A. Dynamic IP Cable Connection**

Nothing required. IP address will automatically be assigned by the ISP.

### **B. Static or Fixed IP Cable Connection**

Internet IP Address: \_\_\_\_\_ (eg. 215.24.24.129)

Subnet Mask: \_\_\_\_\_

Gateway IP Address: \_\_\_\_\_

Primary DNS: \_\_\_\_\_

Secondary DNS: \_\_\_\_\_

### **C. PPPoE DSL Connection**

Login Name: \_\_\_\_\_

Password: \_\_\_\_\_

### **D. PPTP DSL Connection**

Login Name: \_\_\_\_\_

Password: \_\_\_\_\_

### **E. MAC Address Cable Connection**

Your ISP's Registered MAC Address for your Internet

Account: \_\_\_\_\_ (eg. 12-AB-CD-EE-34-EF)

(The MAC Address is normally associated with the Cable/DSL modem or the Network Card in the PC)

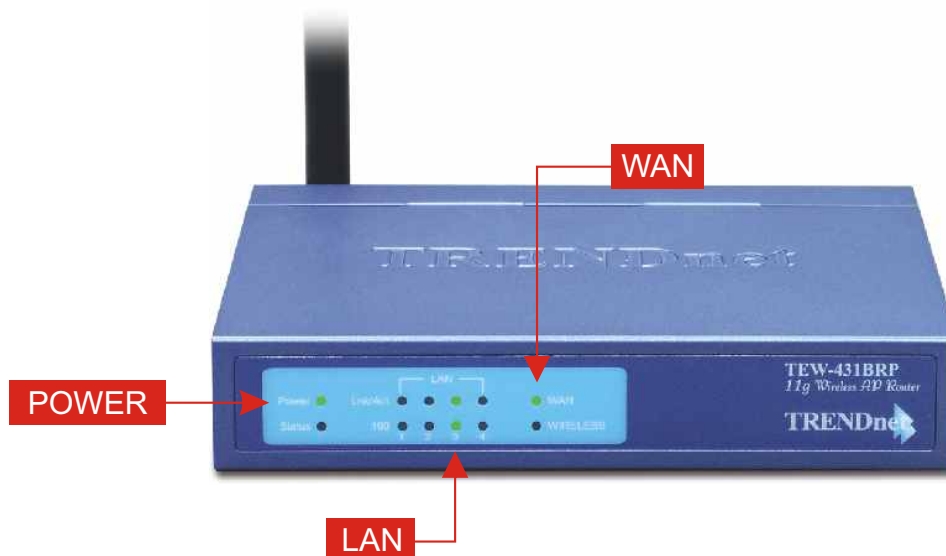
## 2. Install Hardware

1. Connect one RJ-45 network cable from the Modem's Ethernet port to the WAN port on the Router.
2. Connect a different RJ-45 network cable from one of the Router's LAN ports to your computer's network port.
3. Power on your Cable/DSL modem.
4. Power on your router.
5. Power on your computer.



### Verify Hardware Installation

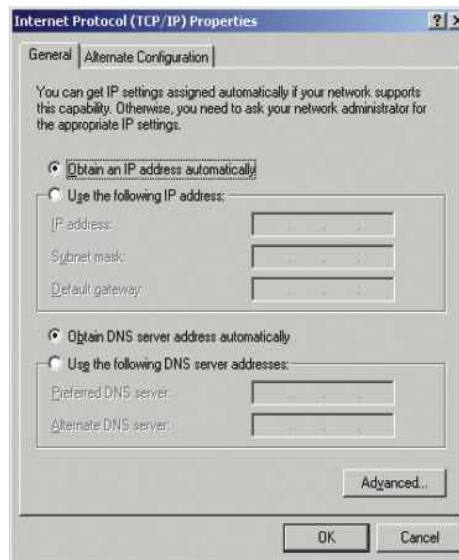
Check to make sure the following router front panel lights are on: Power, WAN, and at least one of the LAN port LED should be lit for each wired computer connected to the router.



# 3. Configure the computer's TCP/IP Settings

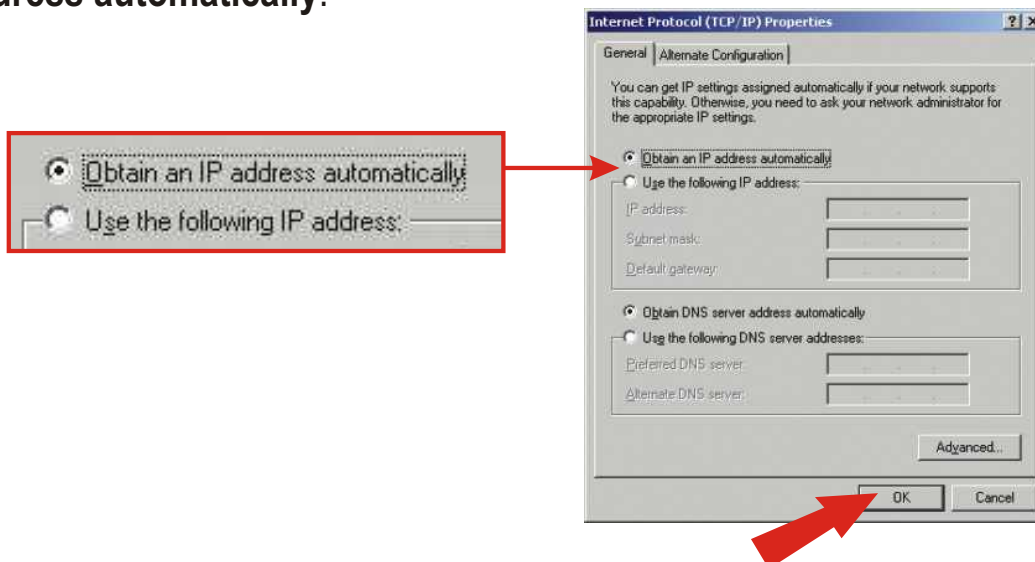
## Windows 2000/XP

1. Click **Start**; click **Settings** and click on **Control Panel**.
2. Double-Click the **Network Connections** icon.
3. Right-Click on the **Local Area Connection** icon, and then click on **Properties**. The Local Area Connection Properties box will appear.
4. Under the **General Configuration** Tab, locate and select **TCP/IP** and then click **Properties**. The Internet Protocol (TCP/IP) Properties box will appear.

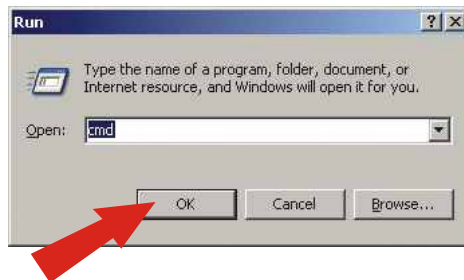


**NOTE:** If you have a Fixed IP address connection, write down the existing IP addresses from the following sections before you make any changes.

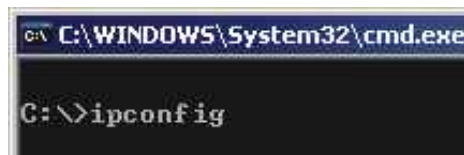
5. Click on **Obtain an IP address automatically** and **Obtain DNS Server address automatically**.



6. Click **OK**.
7. Click **Close** on the Local Area Connection Properties box.
8. Click **Start**; click on **Run**. Then type **cmd** and click **OK**.

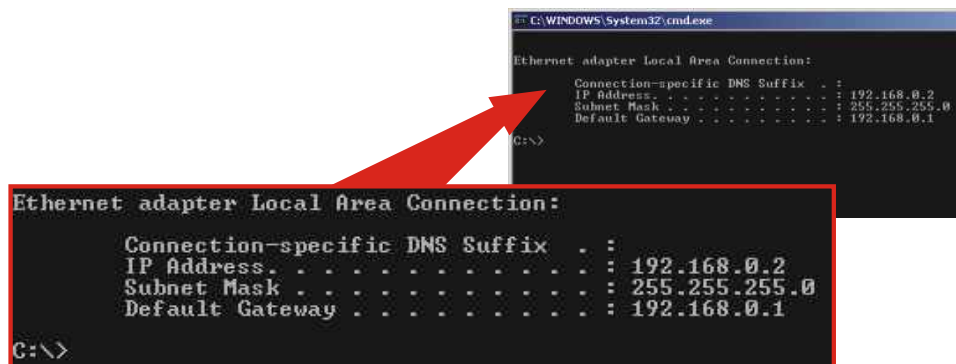


9. The Command Prompt window will appear. Type **ipconfig** at the C:\ prompt and press the **Enter** key.



10. If your IP Configuration reads as follows, your computer is successfully connected to the router:

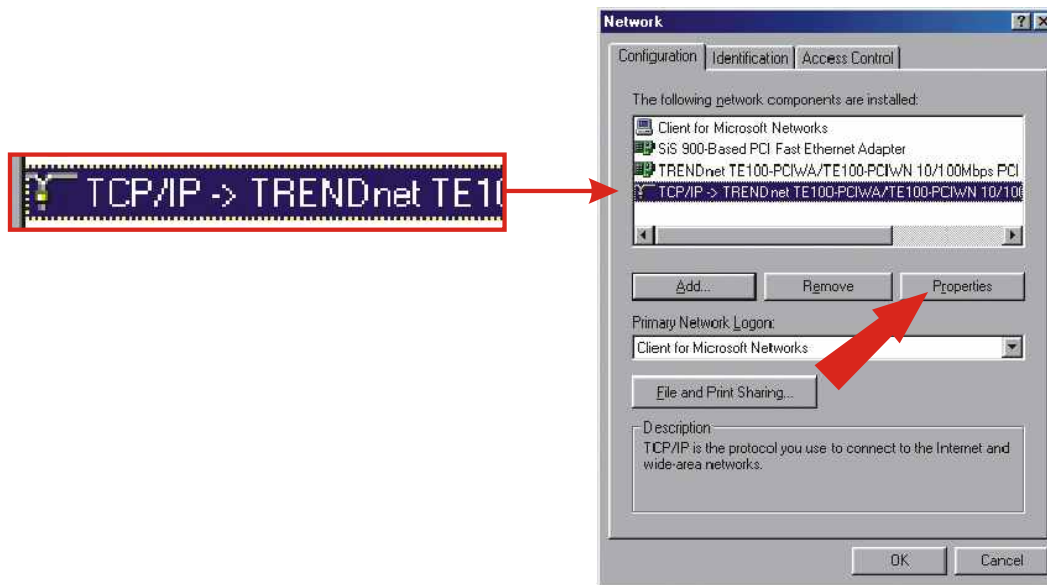
IP Address: 192.168.0.x  
Subnet Mask: 255.255.255.0  
Default Gateway: 192.168.0.1



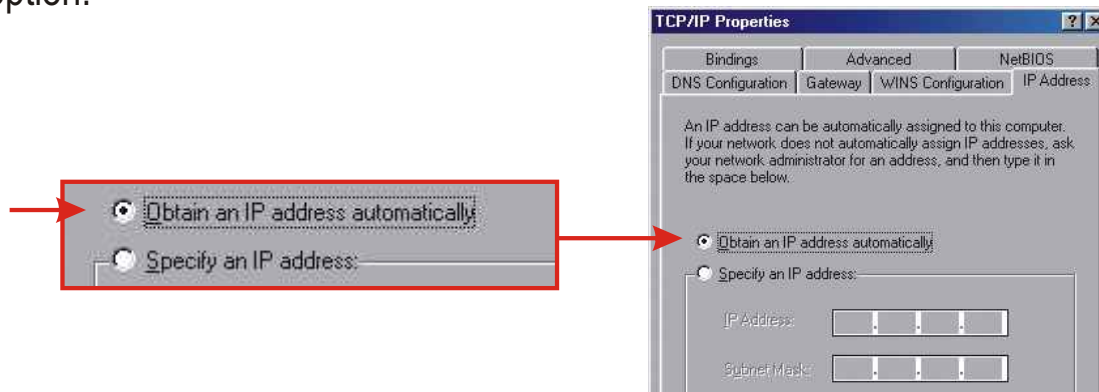
**NOTE:** If your IP Configuration does not match the values above, please restart your computer and retry the steps in this section.

## Windows 95/98/98SE/ME

1. Find the **Start** Button located on Desktop.
2. Click **Start**; click **Settings** and then click on **Control Panel**.
3. Double-Click the Network icon and the Network Properties box will appear.
4. Under the **General Configuration** Tab, locate and select **TCP/IP** with the corresponding network card (such as TRENDnet TE100-PCIWN 10/100Mbps Network Adapter), then click on the **Properties** button.



5. Under the IP Address Tab, click on the **Obtain an IP address automatically** option.



6. Click **OK** on the TCP/IP Properties box.
7. Click **OK** on the Network Box.
8. At this point, the installation may require files from your Windows CD-ROM. If this happens, insert your Windows 98 CD-ROM into your CD-ROM drive and select **CD-ROM drive** to load the files.

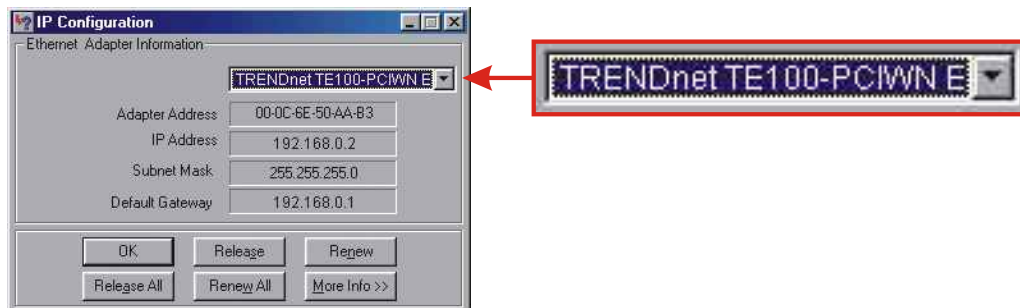


9. After the files load, the **System Settings Change** message appears, click **Yes** to reboot your system. This will update your computer with the new settings.



**NOTE:** If the message does not appear, you need to manually restart your computer.

10. After your system reboots, click **Start** and click on **Run**. Then type **winipcfg** in the field and then click **OK**.
11. The IP configuration box will appear. Choose your network adapter from the dropdown box (such as TRENDnet TE100-PCIWN 10/100Mbps network adapter) and your computer current IP address information will show in the box.



12. If your IP Address reads as follows, your computer is successfully connected to the router:
- IP Address: 192.168.0.x
  - Subnet Mask: 255.255.255.0
  - Default Gateway: 192.168.0.1

**NOTE:** If your IP configuration does not match the values above, please restart your computer and retry the steps in this section.

## 4. Configure the Router

The following section will help you configure your router to connect to the Internet. The setup differs and is dependent on the type of Internet connection you have. If you are not sure what type of connection you have, please contact your ISP to obtain the required information, which is listed in the **Prepare for Installation** section at the beginning of this Quick Installation Guide.

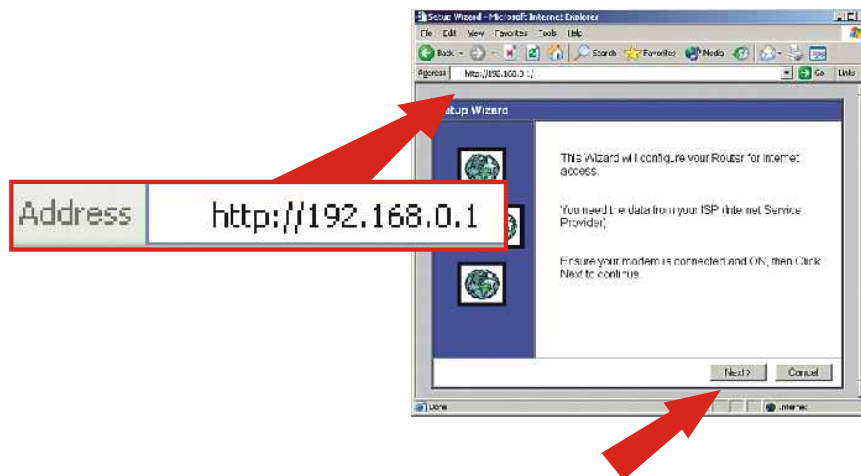
### A. Dynamic IP Cable Connection

Launch your web browser, (Explorer or Navigator) type **http://www.trendnet.com** in the address bar, and hit the **Enter** key. If the website appears, your router is configured properly.

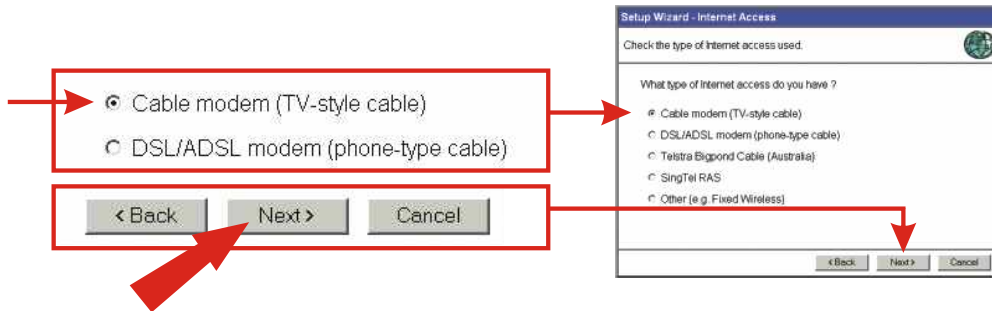
**NOTE:** If the web site does not come up, please turn off your Cable/DSL modem, router, and PC. Then turn them back on one by one, and try to access the Internet again. Please verify your connection type with your ISP if you still have problems connecting to the Internet.

### B. Fixed IP Cable Connection

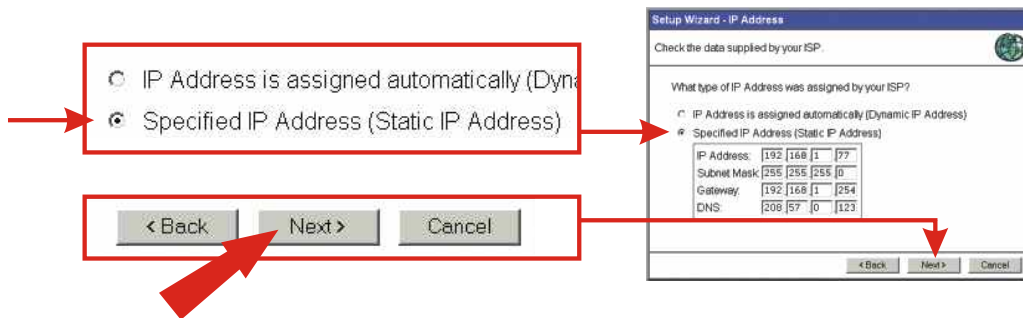
1. Open your web browser (Explorer or Netscape), then type `http://192.168.0.1` in the address bar and hit the Enter key. The setup wizard will appear. Click the **Next** button to start the configuration.



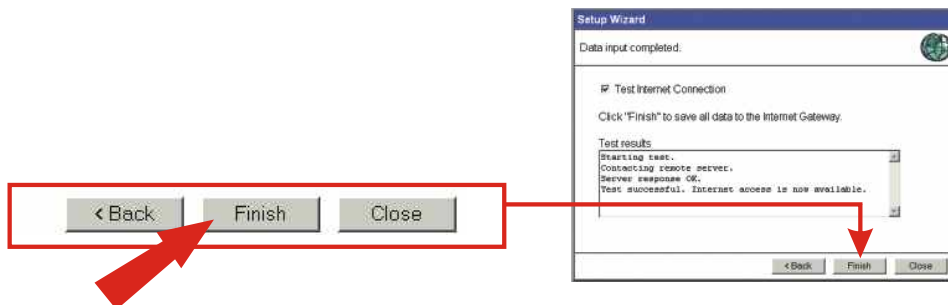
2. Select **Cable Modem (TV-style cable)** option then click **Next**. Enter a Host name for the router and click **Next** to continue.



3. Select the **Specified IP Address (Static IP Address)** option and enter the IP address information provided by your ISP, then click **Next** to continue.



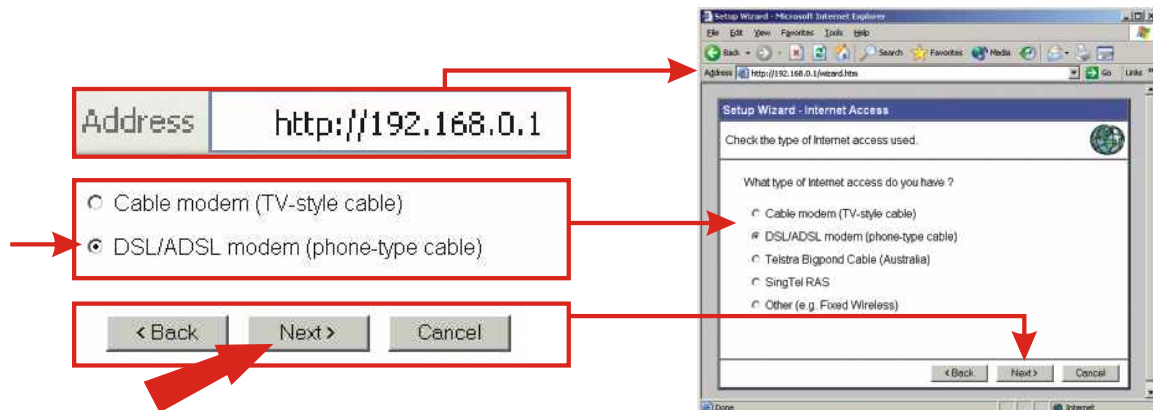
4. Click **Finish**, and the router will test your Internet connection, if the Test Result says **Test successful**, hit the **Close** button; your router is ready to use.



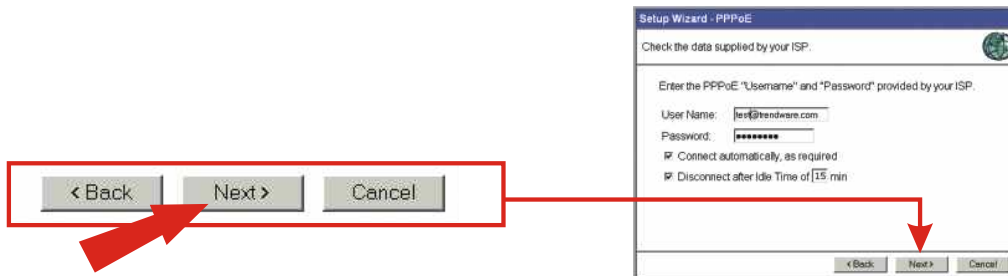
**NOTE:** If the website does not appear, please verify your connection type with your ISP and retry the steps in this section.

## C. PPPoE DSL Connection

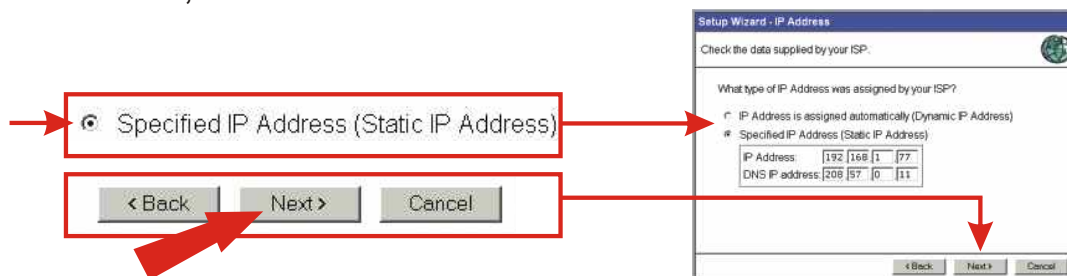
1. Open your web browser (Explorer or Netscape), then type `http://192.168.0.1` in the address bar and hit the Enter key. Click the **Next** button to start. Select **DSL/ADSL Modem (phone-type cable)** option and click **Next**.



2. Select **PPPoE** as Internet Access login type and click **Next**.
3. Enter the PPPoE account information provided by your ISP and click **Next**.



4. Select **Specified IP Address** if you have a Fixed IP PPPoE account. Otherwise, click **Next** to continue.

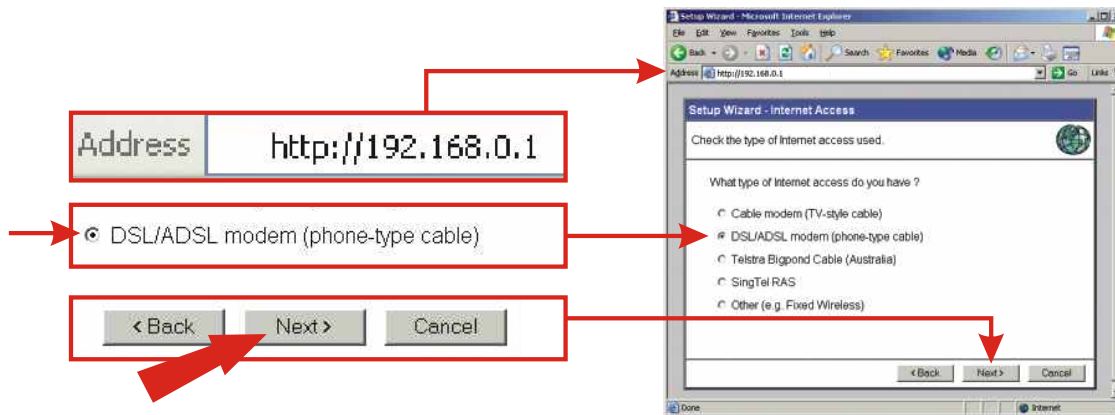


5. Click **Finish**, and the router will test your Internet connection, if the Test Result says **Test successful**, hit the **Close** button, your router is ready to use.

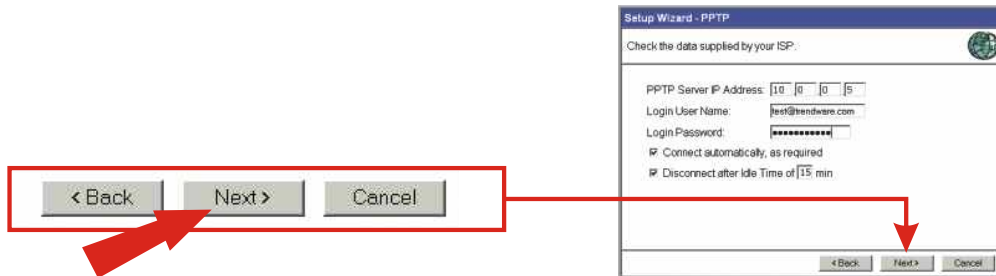
**NOTE:** If the website does not appear, please verify your connection type with your ISP and retry the steps in this section.

## D. PPTP DSL Connection

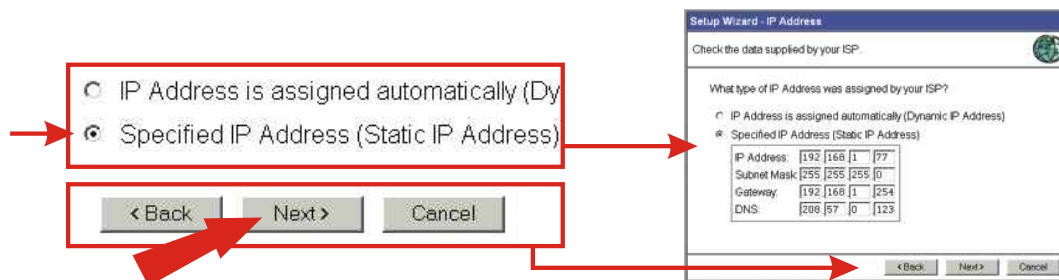
1. Open your web browser (Explorer or Netscape), then type `http://192.168.0.1` in the address bar and hit the Enter key. Click the **Next** button to start. Select **DSL/ADSL Modem (phone-type cable)** Option and click **Next**.



2. Select **PPTP** as Internet Access login type and click **Next**.
3. Enter the PPPoE account information provided by your ISP and click **Next**.



4. Select **Specified IP Address** if you have a Fixed IP PPTP account. Otherwise, click **Next** to continue.

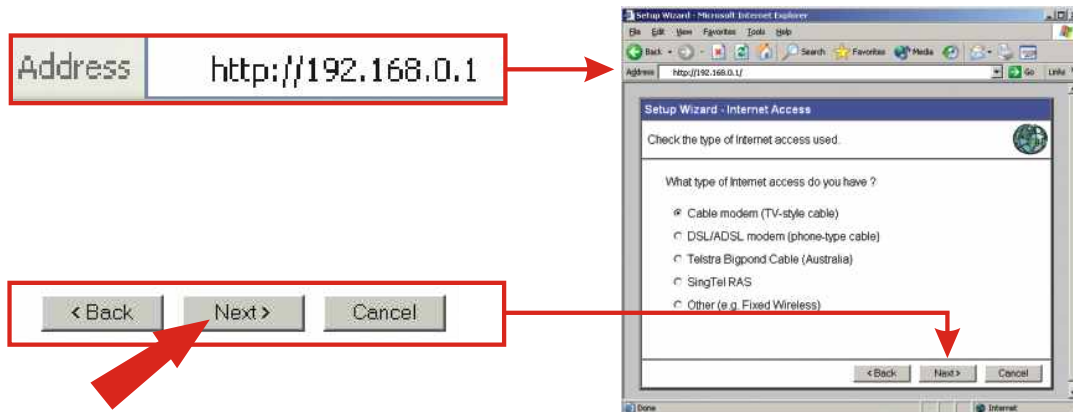


5. Click **Finish**, and the router will test your Internet connection, if the Test Result says **Test successful**, hit the **Close** button; your router is ready to use.

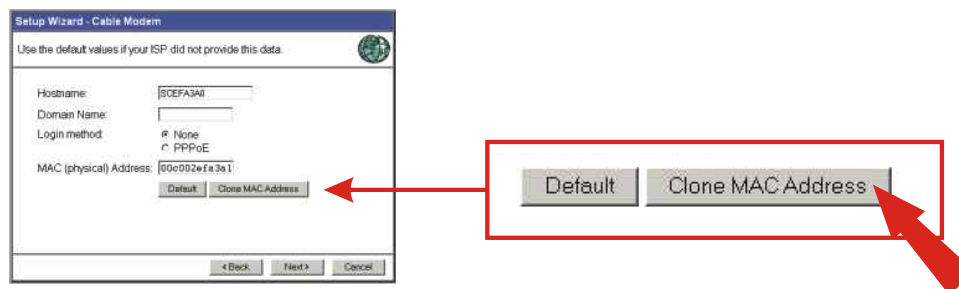
**NOTE:** If the website does not appear, please verify your connection type with your ISP and retry the steps in this section.

## E. MAC Address Cable Connection

1. Open your web browser (Explorer or Netscape), then type `http://192.168.0.1` in the address bar and hit the **Enter** key. Click the **Next** button to start. Select Cable Modem (**TV-style cable**) option and click **Next**.



2. In the MAC Address section, if the registered MAC Address from your ISP is different from the MAC Address displayed, please enter the registered MAC Address from your ISP. Otherwise, hit the **Clone MAC Address** button and click **Next** to continue.



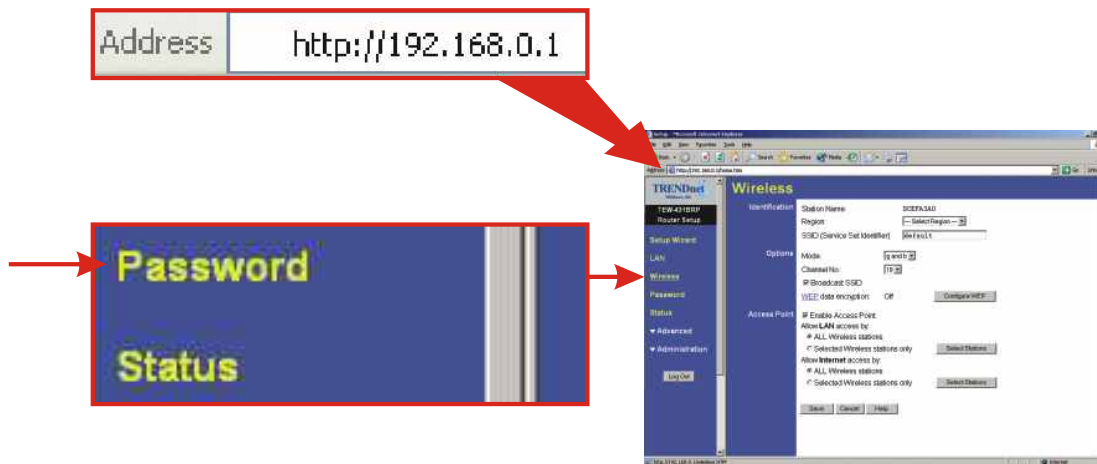
3. Click **Finish**, and the router will test your Internet connection, if the Test Result says **Test successful**, hit the **Close** button and your router is ready to use.

**NOTE:** If the website does not appear, please verify your connection type with your ISP and retry the steps in this section.

# 5. Wireless Configuration

This section helps you to configure your TEW-431BRP router's wireless configuration to meet your existing wireless network configuration or create your own wireless network.

1. Open your web browser, then type `http://192.168.0.1` in the address bar, and hit the **Enter** key. On the leftmost menu panel, click on **Wireless** Section. The wireless configuration page will appear.

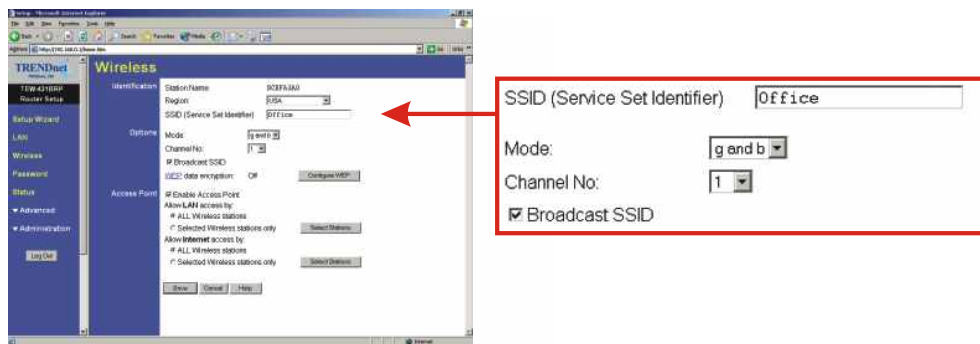


2. In the Region section, select your region or a region that shares your country wireless regulations.

**Warning:** Please note that selecting the incorrect Region may result in a violation of applicable laws in your country. It is the your's responsibility to ensure that the wireless channel configuration is compliant with your country regulatory standards.



### 3. Create an SSID and select a channel for your Wireless Network.



**Note:** You may also enable the WEP encryption settings for enhanced wireless security by clicking on the **Configure WEP** button.



4. Click **Save** to apply all the settings.
5. Wireless Configuration is complete. You may now connect wirelessly to the TEW-431BRP Wireless Router and start sharing files/resources between your wired and wireless networks.



# Troubleshooting

**Q1. I specified the IP address, 192.168.0.1 in my internet browser, but an error message says "The page cannot be displayed". How can I get into the TEW-431BRP web configuration page?**

**A1.** Please check your hardware and TCP/IP settings again by following the instructions in section 1-3, make sure the Power, WAN, and on the LAN lights on the Router's front panel are on, and verify that the TCP/IP configurations is correct. Then try accessing to the 192.168.0.1 again using your web browser.

**Q2. I am not sure what type of Internet Account Type I have for my Cable/DSL modem, How do I find out?**

**A2.** You can simply contact your Internet Service Provider's (ISP) Customer Service or Technical Support Department for the correct information.

**Q3. I set up my internet connection type and saved it, but I still cannot connect to the Internet. Why?**

**A3.** Option 1: Please go to the Status section of the configuration page, and click on Connection Detail button. Click on the Release/Renew button to allow the router to refresh the connection with your ISP. Then try browsing a website such as <http://www.trendnet.com> again with your Internet browser. Option 2: Please power down all the equipments including Cable/DSL modem, Router and your PC. Power on the Cable/DSL modem and wait 60 seconds, then power on the router followed by your PC. This simple power cycle normally helps the router to find your Internet connection. Then try browsing a website such as <http://www.trendnet.com> with your web browser.

**Note:** For more detailed information about TEW-431BRP's configuration and advanced settings, please refer to the User's Guide on the CD-ROM.

If you still encounter problems setting up the router, we can help. Please have your Internet account information ready, (ISP, Account Type) and contact us using the information below.

## **Contact Technical Support**

Telephone: +1-310-626-6252

Fax: +1-310-626-6267

Website: [www.TRENDNET.com](http://www.TRENDNET.com)

E-mail: [support@trendware.com](mailto:support@trendware.com)

## **Technical Support Hours**

7:00AM ~ 6:00PM, Monday through Friday

Pacific Standard Time (except holidays)

## **Certifications**

This equipment has been tested and found to comply with FCC and CE Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.





TRENDware, USA

**What's Next in Networking**

## Product Warranty Registration

Please take a moment to register your product online.  
Go to TRENDware's website at <http://www.TRENDNET.com>

**TRENDware International, Inc.**  
3135 Kashiwa Street  
Torrance, CA 90505

**<http://www.TRENDNET.com>**