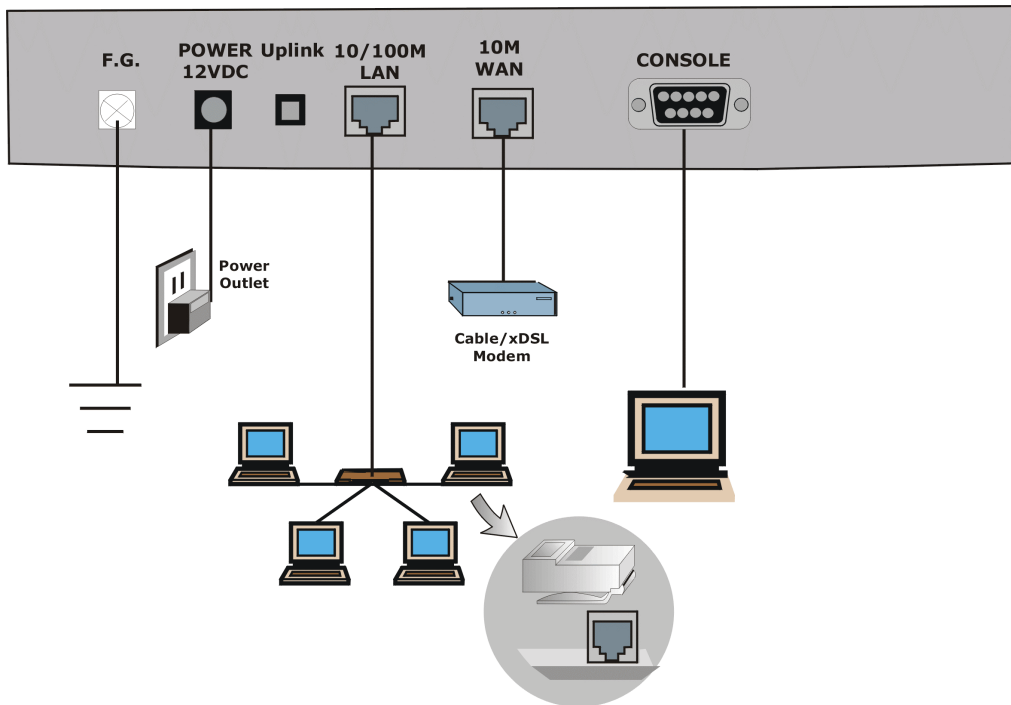


Prestige 310 Read Me First



Prestige Rear Panel Connections

PORT	CONNECTION	
Console	Use an RS-232 console cable to connect to a serial port (COM port) on your computer.	
WAN 10M	Use the cable that came with your broadband modem.	
	TO A COMPUTER	TO A HUB
LAN 10/100M - UPLINK button "on" (pushed in)	Straight-through Ethernet cable	Crossover Ethernet cable
LAN 10/100M - UPLINK button "off" (out)	Crossover Ethernet cable	Straight-through Ethernet cable
Power 12VDC	Connect to a power source using the power adapter for your region (refer to your <i>User's Guide</i>).	

Register your Prestige online at www.zyxel.com for free product updates and information.

Prestige Factory Defaults

IP Address	192.168.1.1	Default Password	1234
Subnet Mask	255.255.255.0	DHCP IP Pool	192.168.1.33 – 192.168.1.34

Network Access Checklist

You need a broadband modem and an account with an Internet Service Provider (ISP).

1. Your user (account) name and password.
2. Encapsulation (Ethernet, PPTP or PPPoE)
3. You may need to know your Service Name if you are using PPTP or PPPoE.
4. Service type, when using Ethernet (Standard, RR-Toshiba, RR-Manager or RR-Telstra).
5. The IP address of the DNS (Domain Name System) server(s) (optional).

Preparing Your Network

All computers must have a 10M or 100M Ethernet adapter card and TCP/IP installed.

TCP/IP should already be installed on computers using Windows NT/2000/XP, Macintosh OS 7 and later operating systems.

These procedures are for dynamic IP addresses.

Setting up Your Windows 95/98/Me Computer

Installing TCP/IP Components

1. Click **Start, Settings, Control Panel** and double-click the **Network** icon.
2. The **Network** window **Configuration** tab displays a list of installed components.

To install TCP/IP:

- a. In the **Network** window, click **Add**.
- b. Select **Protocol** and then click **Add**.
- c. Select **Microsoft** from the list of manufacturers.
- d. Select **TCP/IP** from the list of network protocols and then click **OK**.

Configuring TCP/IP

1. In the **Network** window **Configuration** tab, select your network adapter's **TCP/IP** entry and click **Properties**.
2. Click the **IP Address** tab. Click **Obtain an IP address automatically**.
3. Click the **DNS Configuration** tab. Select **Disable DNS**.

4. Click the **Gateway** tab. Highlight any installed gateways and click **Remove** until there are none listed.
5. Click **OK** to save and close the **TCP/IP Properties** window.
6. Click **OK** to close the **Network** window.
7. Turn on your Prestige and restart your computer when prompted. Insert the Windows CD if prompted.

Verifying TCP/IP Properties

1. Click **Start** and then **Run**. In the **Run** window, type "winipcfg" and then click **OK** to open the **IP Configuration** window.
2. Select your network adapter. You should see your computer's IP address, subnet mask and default gateway.

Setting up Your Windows NT/2000/XP Computer

Configuring TCP/IP

1. Click **Start, Settings, Network and Dial-up Connections** and right-click **Local Area Connection** or the connection you want to configure and click **Properties**. For Windows XP, click **start, Control Panel, Network and Internet Connections** and then **Network Connections**. Right-click the network connection you want to configure and then click **Properties**.
2. Select **Internet Protocol (TCP/IP)** (under the **General** tab in Win XP) and click **Properties**.
3. The **Internet Protocol TCP/IP Properties** window opens. Click **Obtain an IP address automatically**.
4. Click **Obtain DNS server automatically**.
5. Click **Advanced, IP Settings** tab and remove any installed gateways, then click **OK**.
6. Click **OK** to save and close the **Internet Protocol (TCP/IP) Properties** window.
7. Click **OK** to close the **Local Area Connection Properties** window.
8. Turn on your Prestige and restart your computer (if prompted).

Verifying TCP/IP Properties

1. Click **Start, Programs, Accessories** and then **Command Prompt**.
2. In the **Command Prompt** window, type "ipconfig" and then press **ENTER**. The window displays information about your IP address, subnet mask and default gateway.

Setting up Your Macintosh Computer

Configuring TCP/IP Properties

1. Click the **Apple** menu, **Control Panel** and double-click **TCP/IP** to open the **TCP/IP Control Panel**.

2. Select **Ethernet** from the **Connect via** list.
3. Select **Using DHCP Server** from the **Configure** list.
4. Close the **TCP/IP Control Panel**.
5. Click **Save** if prompted, to save changes to your configuration.
6. Turn on your Prestige and restart your computer (if prompted).

Verifying TCP/IP Properties

Check your TCP/IP properties in the **TCP/IP Control Panel**.

Internet Access Configuration

1. Web configurator
2. SMT (System Management Terminal). Access the SMT via:
 - Telnet
 - Console port using terminal emulation software

Procedure For Web Configurator Configuration

1. Launch your web browser and enter "192.168.1.1" as the URL.
2. Type "admin" as the user name (if applicable) and "1234" (default) as the password and press **ENTER**. Just press **ENTER** if the default password appears automatically.
3. Follow the directions in the **MAIN MENU** screen. Click the help icon (located in the upper right portion of most screens) for online HTML help.

Procedure For SMT Configuration via Telnet

1. Launch a Telnet program. In Windows, click **Start** and then **Run**.
2. Type "Telnet" followed by a space and the IP address of the Prestige, (192.168.1.1 is the default) and click **OK** to display the password screen.
3. Enter "1234", the default password, to access the SMT main menu. As you type a password, the screen displays an "X" for each character you type.

Procedure For SMT Configuration via Console Port

1. Configure a terminal emulation communications program as follows: VT100 terminal emulation, no parity, 8 data bits, 1 stop bit, data flow set to none, 9600 bps port speed.
2. Press **ENTER** to display the SMT password screen. The default password is "1234".

Use the ISP information you gathered to configure SMT menu 4 and access the Internet. Refer to your *User's Guide* for details.

Troubleshooting

<p>The PWR LED is off.</p>	<p>Make sure that you have the power cord connected to the Prestige and plugged in. If the error persists, you may have a hardware problem. In this case, you should contact your vendor.</p>
<p>I cannot access the Prestige from the LAN.</p>	<p>Check your Ethernet cable type and connections. Refer to the <i>Cable Connections</i> section for details. Make sure your NIC (Network Interface Card) is installed and functioning properly.</p>
<p>I cannot ping any computer on the LAN.</p>	<p>If all of the 10/100M LAN LEDs are off, check the cables between the Prestige and your computer or hub. Verify that the IP address and the subnet mask of the Prestige and the computers are on the same subnet. Check the TCP/IP configuration on your computer. Make sure that the IP address and the subnet mask of the Prestige and the computers are on the same subnet.</p>
<p>I cannot access the SMT menu.</p>	<p>The default SMT password is "1234". If you have changed the password and have now forgotten it, you will need to upload the default configuration file (see <i>User's Guide</i>).</p>
<p>I cannot get a WAN IP address from the ISP.</p>	<p>The WAN IP is provided after the ISP verifies the MAC address, host name or user ID. Find out the verification method used by your ISP and configure the corresponding fields.</p>
<p>I cannot access the Prestige via the console port.</p>	<p>Check to see if the Prestige is connected to your computer's serial port. Check to see if the communications program is configured correctly. Refer to the defaults in the <i>Procedure For SMT Configuration via Console Port</i> section.</p>
<p>I cannot access the Internet.</p>	<p>Make sure the Prestige is turned on and connected to the network. Check the Prestige's WAN LED. If it is not on, check the cable between the Prestige and the modem. Check whether your cable/xDSL device requires a crossover or straight-through cable. Make sure you entered your user name correctly. A username may be case-sensitive.</p>
<p>I cannot access the Prestige web configurator.</p>	<p>Check if you have applied a filter in menu 3.1 (LAN) or in menu 11.5 (WAN) to block web service. Check if you have disallowed web service access in SMT Menu 24.11 - Remote Management Control. Check if you have an SMT console session running. Check the TCP/IP configuration on your computer. Make sure that the IP address and the subnet mask of the Prestige and the computers are on the same subnet. The default password is "1234". If you have changed the password and have now forgotten it, you will need to upload the default configuration file (see <i>User's Guide</i>).</p>