Prestige 650M-6x Quick Start Guide

Prestige Rear Panel Connections

PORT	CONNECTION
DSL	Connect the DSL port on the Prestige to the wall jack using the included DSL cable (telephone wire). Connect the micro filter(s) (optional – see the appendix in your *User's Guide* for details) between the wall jack and your telephone(s). **Be careful not to insert an RJ-11 connector into the RJ-45 port.**
LAN 10/100M	Use an Ethernet cable to connect this port to a computer (with an Ethernet card) or a hub (if your network has more than one computer). The port is auto-negotiating (can connect at 10 or 100Mbps) and auto-crossover (automatically adjust to straight-through or crossover Ethernet cable).
RESET	You only need to use this button if you have forgotten the Prestige's password or IP address. It returns the Prestige to the factory defaults.
POWER	Connect the end of the included power adaptor for your region to this power socket.
After you've made the connections, connect the power adaptor to a power supply and push in the power button to turn on the Prestige.	

Prestige Front Panel LED Description

LED	COLOR	STATUS	DESCRIPTION
PWR/SYS	Green	On	The Prestige is receiving power and functioning properly.
		Blinking	The Prestige is rebooting.
		Off	The Prestige is not ready or has malfunctioned.
	Red	On	The power to the Prestige is too low.

Prestige Front Panel LED Description

LED	COLOR	STATUS	DESCRIPTION
10/100M	Green	On	The Prestige has a successful 10Mbps Ethernet connection.
		Blinking	The Prestige is receiving or sending data.
	Amber	On	The Prestige has a successful 100Mbps Ethernet connection.
		Blinking	The Prestige is receiving or sending data.
		Off	The LAN is not connected.
DSL	Green	On	The Prestige is linked successfully to a DSLAM.
		Blinking	The Prestige is initializing the DSL line.
		Off	The DSL link is down.
ACT	Green	Blinking	The Prestige is sending or receiving traffic.
		Off	The Prestige is ready but not sending or receiving data.

Press the power switch in. The PWR/SYS **LED blinks and turns steady on. The** 10/100M **and** DSL **LEDs turn on, if they are properly connected.**

Prestige Factory Defaults

LAN IP Address	192.168.1.1	Default Password	1234
Subnet Mask	255.255.255.0		

Internet Account Information

Your ISP (Internet Service Provider) or telephone company should give you most of the following information or pre-configured the Prestige with it when you signed up for your Internet access account. You do not need to know every field.

REQUIRED INFORMATION
Virtual Path Identifier (**VPI**): _____
Virtual Channel Identifier (**VCI**): _____
Multiplexing (VC-based or LLC-based):   ☐ **VC**   ☐ **LLC**

Preparing Your Network

All computers must have a 10M or 100M network 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. See your *User's Guide* for information on configuring static IP address for your computer.

These procedures are for dynamic IP address assignment.

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 is 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).
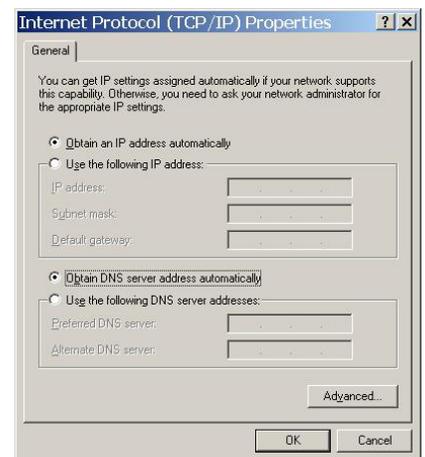
Verifying TCP/IP Properties

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**.

Accessing the Prestige

Access the Prestige using the command line interface via a telnet session.

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 command line interface main menu. As you type a password, the screen displays an asterisk " * " for each character you type.
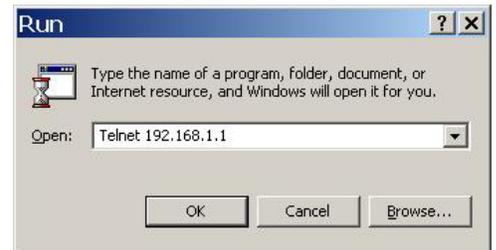
```
Password: ****
Copyright (c) 1994 - 2004 ZyXEL Communications Corp.
ras>
```

Initial Configuration

You can configure two PVCs, node 1 or node 2 by using the following commands. See your *User's Guide* for detailed information.

COMMAND	DESCRIPTION
wan node index [1-2]	Set a node as the current node to apply node commands.
wan node ispname	Identify the ISP used by this node.
wan node vpi <vpi>	Configure the Virtual Path Identifier from 0 to 255
wan node vci <vci>	Configure the Virtual Channel Identifier from 32 to 65535.
wan node mux <llc|vc>	Configure the multiplexing method used by the Prestige.
wan node save	Save your current node settings.
wan node disp	Display the settings for the current node.

An example is shown next.

```
ras> wan node index 1
ras> wan node vpi 100
ras> wan node vci 32
ras> wan node mux vc
ras> wan node save
```

Safety Warnings

For your safety, be sure to read and follow all warning notices and instructions.

➢ To reduce the risk of fire, use only No. 26 AWG or larger telephone wire.

➢ Do NOT open the device or unit. Opening or removing covers can expose you to dangerous high voltage points or other risks. ONLY qualified service personnel can service the device. Please contact your vendor for further information.

➢ Use ONLY the dedicated power supply for your device. Connect the power cord or power adaptor to the right supply voltage, that is, 110V AC for North America or 230V AC for Europe.

➢ Do NOT use the device if the power supply is damaged as it might cause electrocution.

➢ If the power supply is damaged, remove it from the power outlet.

➢ Do NOT attempt to repair the power supply. Contact your local vendor to order a new power supply.

➢ Place connecting cables carefully so that that no one will step on them or stumble over them. Do NOT allow anything to rest on the power cord and do NOT locate the product where anyone can walk on the power cord.

➢ If you wall mount your device, make sure that no electrical, gas or water pipes will be damaged.

➢ Do NOT install nor use your device during a thunderstorm. There may be a remote risk of electric shock from lightning.

➢ Do NOT expose your device to dampness, dust or corrosive liquids.

➢ Do NOT use this product near water, for example, in a wet basement or near a swimming pool.

➢ Make sure to connect the cables to the correct ports.

➢ Do NOT obstruct the device ventilation slots, as insufficient airflow may harm your device.

➢ Do NOT store things on the device.

➢ Connect ONLY suitable accessories to the device.

Troubleshooting

PROBLEM	CORRECTIVE ACTION
The **PWR**/**SYS** LED is off.	Make sure the Prestige's power adaptor is connected to the Prestige and plugged into an appropriate power source. Check that the Prestige and the power source are both turned on.
	Turn the Prestige off and on. If the error persists, you may have a hardware problem. In this case, you should contact your vendor.
The LAN LED won't turn on.	Check the cable connection to the Prestige LAN port.
	Make sure your computer network card is working properly.
The **DSL** LED is off.	Check the connection between the Prestige DSL port and the wall jack.
I cannot ping any computer on the LAN.	If the 10/100M LAN LED is off, check the cables between the Prestige and your computer or hub.
	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.
I cannot access the Internet.	Make sure the Prestige is turned on and connected to the network.
	If the Prestige's **DSL** LED is off, check the cable between the Prestige and the telephone wall jack.
	Make sure you entered your user name correctly. Your user name may be case-sensitive.