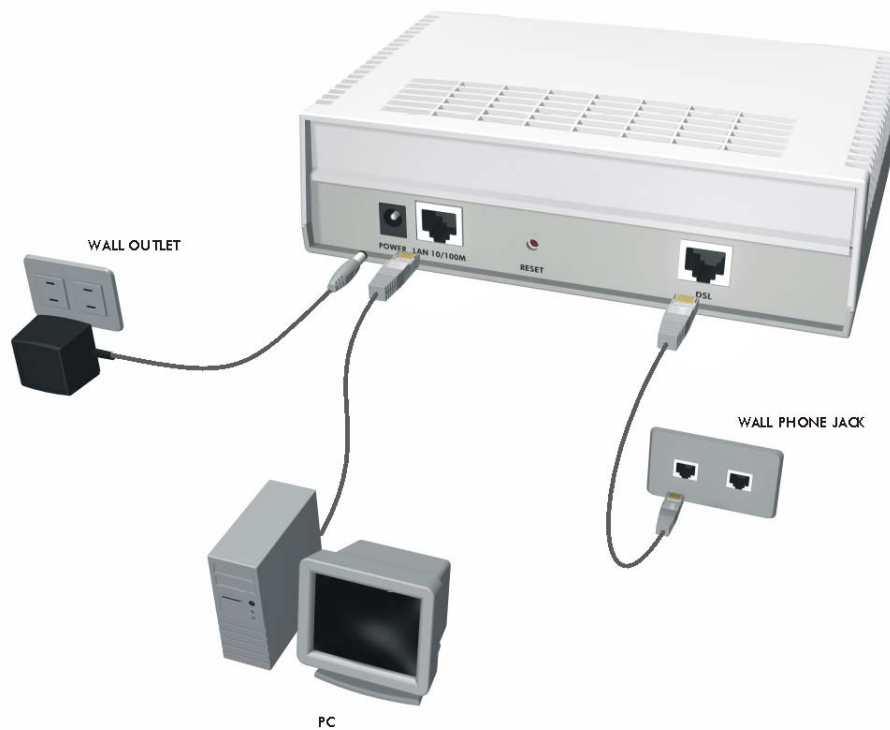


Prestige 650M-17 ADSL Modem Read Me First



Prestige Rear Panel Connections

PORT	CONNECTION
DSL	Connect the Prestige directly to the wall jack using the included ADSL cable (with RJ-45 connectors).
LAN 10/100M	Connect to a computer/hub using a crossover or a straight-through Ethernet cable.
POWER	Connect to a power source using the power adapter for your region (see 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		

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. VPI (Virtual Path Identifier) and VCI (Virtual Channel Identifier).

3. Encapsulation (PPPoA or RFC 1483).
4. Multiplexing method: LLC-based or VC-based.

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 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**.

Internet Access Configuration

Access SMT (System Management Terminal) screens via Telnet.

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.

Troubleshooting

PROBLEM	CORRECTIVE ACTION
The PWR and/or SYS LED(s) are off.	<p>Make sure the Prestige is connected to the correct power adapter and that the power adapter is plugged into an adequate power supply.</p> <p>Turn the Prestige off and on. If the error persists, you may have a hardware problem. In this case, you should contact your vendor.</p>
The SYS LED is red.	<p>Prestige power is low and consequently may be disconnected from the ADSL line. This is a “dying gasp” warning signal.</p> <ol style="list-style-type: none"> 1. Make sure you are using the correct power adapter. 2. Make sure you have sufficient power for the operation of your Prestige. Make sure you do not have too many electrical appliances connected to the same power source. 3. Check the power connections between the Prestige and your power source.
The LAN LED won't turn on.	<p>Check the cable connection to the Prestige LAN port.</p> <p>Make sure your computer NIC (Network Interface Card) is working properly.</p> <p>Check the TCP/IP configuration on your computer. Make sure that the IP address and the subnet mask of the Prestige and the LAN computer(s) are on the same subnet.</p>
The DSL LED is off.	Check the connection between the Prestige DSL port and the wall jack.
I cannot access the SMT menu.	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>).
I cannot ping any computer on the LAN.	<p>If the 10/100M LAN LEDs are off, check the cables between the Prestige and your computer or hub.</p> <p>Verify that the IP address and the subnet mask of the Prestige and the computers are on the same subnet.</p> <p>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>
I cannot get a WAN IP address from the ISP.	<p>The WAN IP is provided after the ISP verifies the MAC address, host name or user ID.</p> <p>Find out the verification method used by your ISP and configure the corresponding fields.</p>
I cannot access the Internet.	<p>Make sure the Prestige is turned on and connected to the network.</p> <p>If the Prestige's DSL LED is off, check the cable between the Prestige and the telephone wall jack.</p> <p>Make sure you entered your user name correctly. A user name may be case-sensitive.</p>