

Prestige 660H Series

ADSL 2/2+ Gateway

Compact Guide

Version 3.40 (QT)

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ZyXEL
Unleash Networking Power

Table of Contents

1	Introducing the Prestige.....	3
2	Hardware	4
	2.1 <i>Rear Panel Connections.....</i>	4
	2.2 <i>The Front Panel LEDs.....</i>	5
3	Setting Up Your Computer's IP Address.....	6
	3.1 <i>Windows 95/98/Me.....</i>	6
	3.2 <i>Windows 2000/NT/XP.....</i>	9
	3.3 <i>Checking/Updating Your Computer's IP Address.....</i>	10
	3.4 <i>Testing the Connection to the Prestige.....</i>	10
4	Configuring Your Prestige.....	11
	4.1 <i>Accessing Your Prestige Via Web Configurator</i>	11
	4.2 <i>Common Screen Command Buttons.....</i>	13
	4.3 <i>Internet Access Using the Wizard</i>	13
	4.4 <i>Test Your Internet Connection</i>	19
5	Advanced Configuration.....	19
	5.1 <i>Network Address Translation Overview.....</i>	19
	5.2 <i>Configuring SUA Server</i>	20
	5.3 <i>Firewall Overview.....</i>	22
	5.4 <i>Enabling the Firewall</i>	23
	5.5 <i>Procedure for Configuring Firewall Rules</i>	23
	5.6 <i>Configuring Source and Destination Addresses.....</i>	27
6	Troubleshooting.....	29

1 Introducing the Prestige

The Prestige 660H ADSL 2/2+ Gateway is the ideal all-in-one device for small networks connecting to the Internet via ADSL. Key features of the Prestige include NAT, content filter and firewall. See your *User's Guide* for more details on all Prestige features.

You should have an Internet account already set up and have been given most of the following information.

INTERNET ACCOUNT INFORMATION		
Your device's WAN IP Address (if given): _____		
DNS Server IP Address (if given): Primary _____, Secondary _____		
Virtual Path Identifier (VPI): _____		
Virtual Channel Identifier (VCI): _____		
Multiplexing (VC-based or LLC-based):	<input type="checkbox"/> VC	<input type="checkbox"/> LLC
Encapsulation: (choose one below)		
<input type="radio"/> RFC 1483		
<input type="radio"/> ENET ENCAP	Ethernet Encapsulation Gateway IP Address: _____	
<input type="radio"/> PPPoA	User Name: _____	Password: _____
<input type="radio"/> PPPoE	Service Name: _____	
	User Name: _____	Password: _____

Certifications

1. Go to www.zyxel.com
2. Select your product from the drop-down list box on the ZyXEL home page to go to that product's page.
3. Select the certification you wish to view from this page.

2 Hardware

2.1 Rear Panel Connections

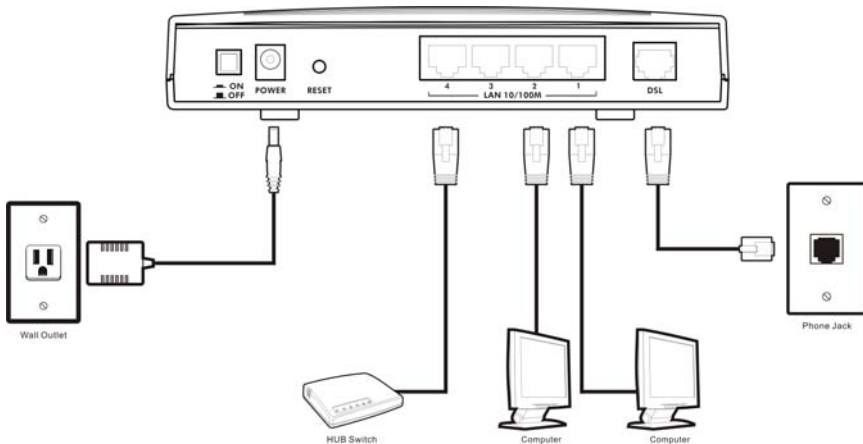


Figure 1 Prestige Rear Panel Connections

Table 1 Prestige Rear Panel Description

LABEL	DESCRIPTION
1. DSL	Connect to a telephone jack using the included phone wire.
2. LAN 1..4	Connect to a computer/external hub using an Ethernet cable.
3. POWER	Connect to a power source using the power adaptor for your region. <div style="text-align: center; background-color: #cccccc; padding: 5px;">Use only the included power adaptor.</div>

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.

The **PWR/SYS** LED blinks while performing system testing and then turns steady on if the testing is successful. A **LAN** LED turns on if a LAN port is properly connected.

Table 1 Prestige Rear Panel Description

LABEL	DESCRIPTION
RESET	You only need to use this button if you've forgotten the Prestige's password. It returns the Prestige to the factory defaults (password is 1234, LAN IP address 192.168.1.1 etc.; see your <i>User's Guide</i> for details).

2.2 The Front Panel LEDs



Figure 2 Front Panel

Refer to the following table for more detailed LED descriptions.

Table 2 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.
	Red	On	Power to the Prestige is too low.
		Off	The system is not ready or has malfunctioned.
LAN 1-4	Green	On	The Prestige has a successful 10Mb Ethernet connection.
		Blinking	The Prestige is sending/receiving data.
	Amber	On	The Prestige has a successful 100Mb Ethernet connection.
		Blinking	The Prestige is sending/receiving data.

Table 2 Front Panel LED Description

LED	COLOR	STATUS	DESCRIPTION
		Off	The LAN is not connected.
DSL/ACT	Green	Fast Blinking	The Prestige is sending/receiving non-PPP data.
		Slow Blinking	The Prestige is initializing the DSL line.
		On	The system is ready, but is not sending/receiving non-PPP data.
	Amber	On	The connection to the PPPoE server is up.
		Blinking	The Prestige is sending/receiving PPP data.
		Off	The DSL link is down.

3 Setting Up Your Computer's IP Address

Skip this section if your computer is already set up to accept a dynamic IP address. This is the default for most new computers.

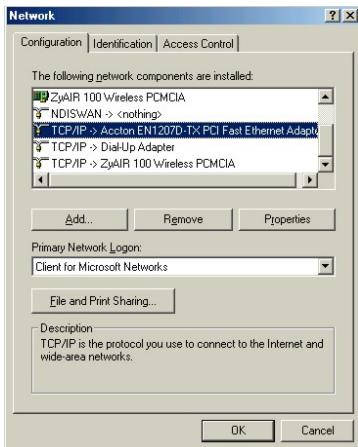
The Prestige is already set up to assign your computer an IP address. Use this section to set up your computer to receive an IP address or assign it a static IP address in the 192.168.1.2 to 192.168.1.254 range with a subnet mask of 255.255.255.0. This is necessary to ensure that your computer can communicate with your Prestige.

Your computer must have an Ethernet 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.

3.1 Windows 95/98/Me

1. Click **Start, Settings, Control Panel** and double-click the **Network** icon to open the **Network** window.

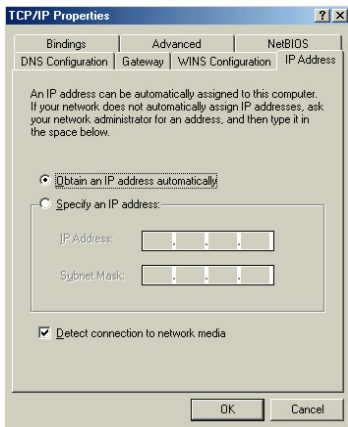
2. The **Network** window **Configuration** tab displays a list of installed components. You need a network adapter, the TCP/IP protocol and Client for Microsoft Networks.
3. In the **Network** window **Configuration** tab, select your network adapter's TCP/IP entry and click **Properties**.



4. Click the **IP Address** tab.

-If your IP address is dynamic, select **Obtain an IP address automatically**.

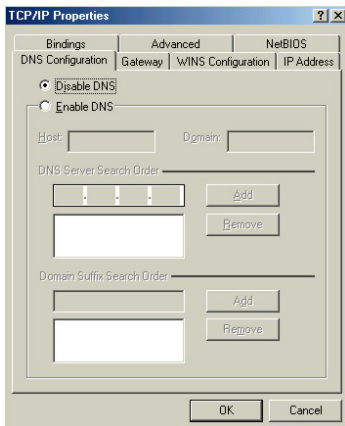
-If you have a static IP address, select **Specify an IP address** and type your information into the **IP Address** and **Subnet Mask** fields.



5. Click the **DNS Configuration** tab.

-If you do not know your DNS information, select **Disable DNS**.

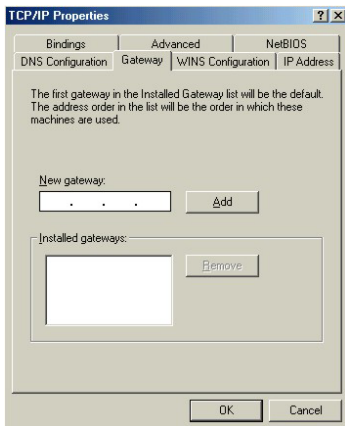
-If you know your DNS information, select **Enable DNS** and type the information in the fields below (you may not need to fill them all in).



6. Click the **Gateway** tab.

-If you do not know your gateway's IP address, remove previously installed gateways.

-If you have a gateway IP address, type it in the **New gateway** field and click **Add**.



7. Click **OK** to save and close the **TCP/IP Properties** window.
8. Click **OK** to close the **Network** window. Insert the Windows CD if prompted.
9. Turn on your Prestige and restart your computer when prompted.

Verifying Your Computer's IP Address

1. Click **Start** and then **Run**.

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

3.2 Windows 2000/NT/XP

1. In Windows XP, click **start, Control Panel**. In Windows 2000/NT, click **Start, Settings, Control Panel**.
2. In Windows XP, click **Network Connections**.
In Windows 2000/NT, click **Network and Dial-up Connections**.
3. Right-click **Local Area Connection** and then click **Properties**.
4. Select **Internet Protocol (TCP/IP)** (under the **General** tab in Win XP) and click **Properties**.
5. The **Internet Protocol TCP/IP Properties** screen opens (the **General** tab in Windows XP).

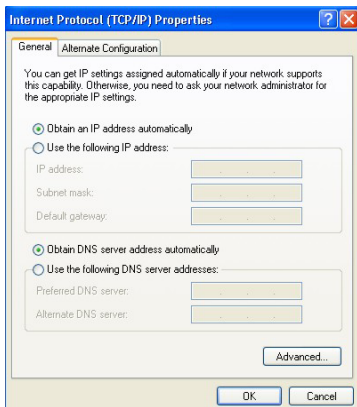
- To have your computer assigned a dynamic IP address, click **Obtain an IP address automatically**.

If you know your DNS sever IP address(es), type them in the **Preferred DNS server** and/or **Alternate DNS server** fields.

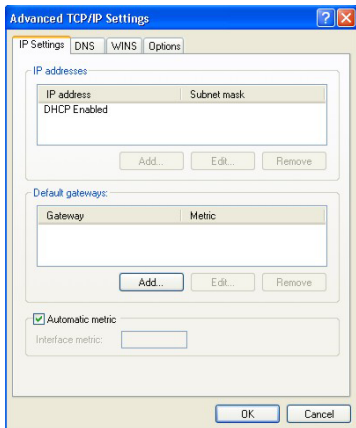
-To configure a static IP address, click **Use the following IP Address** and fill in the **IP address** (choose one from 192.168.1.2 to 192.168.1.254), **Subnet mask** (255.255.255.0), and **Default gateway** (192.168.1.1) fields.

Then enter your DNS server IP address(es) in the **Preferred DNS server** and/or **Alternate DNS server** fields.

If you have more than two DNS servers, click **Advanced**, the **DNS** tab and then configure them using **Add**.



6. Click **Advanced**. Remove any previously installed gateways in the **IP Settings** tab and click **OK** to go back to the **Internet Protocol TCP/IP Properties** screen.
7. Click **OK** to close the **Internet Protocol (TCP/IP) Properties** window.
8. Click **OK** to close the **Local Area Connection Properties** window.



3.3 Checking/Updating Your Computer's IP Address

1. In the computer, click **Start, (All) Programs, Accessories** and then **Command Prompt**.
2. In the **Command Prompt** window, type "ipconfig" and then press **ENTER** to verify that your computer's IP address is in the correct range (192.168.1.2 to 192.168.1.254) with subnet mask 255.255.255.0. This is necessary in order to communicate with the Prestige.

Refer to your *User's Guide* for detailed IP address configuration for other Windows and Macintosh computer operating systems.

3.4 Testing the Connection to the Prestige

1. Click **Start, (All) Programs, Accessories** and then **Command Prompt**.
2. In the **Command Prompt** window, type "ping" followed by a space and the IP address of the Prestige (192.168.1.1 is the default).
3. Press **ENTER** and the following screen displays.

```
C:\>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time=10ms TTL=254
Reply from 192.168.1.1: bytes=32 time<10ms TTL=254
Reply from 192.168.1.1: bytes=32 time<10ms TTL=254
Reply from 192.168.1.1: bytes=32 time<10ms TTL=254

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 10ms, Average = 2ms
```

Your computer can now communicate with the Prestige using the LAN port.

4 Configuring Your Prestige

This *Compact Guide* shows you how to use the web configurator only. See your *User's Guide* for background information on all Prestige features and SMT (System Management Terminal) configuration.

4.1 Accessing Your Prestige Via Web Configurator

Step 1. Launch your web browser. Enter “192.168.1.1” as the web site address.

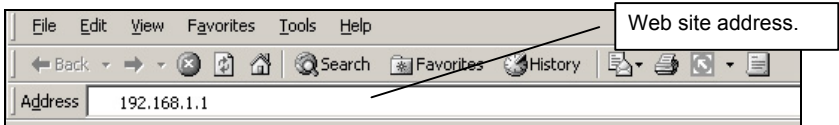


Figure 3 Entering Prestige LAN IP Address in Internet Explorer

Step 2. An **Enter Network Password** window displays. Enter the user name (“admin” is the default), password (“1234” is the default) and click **OK**.

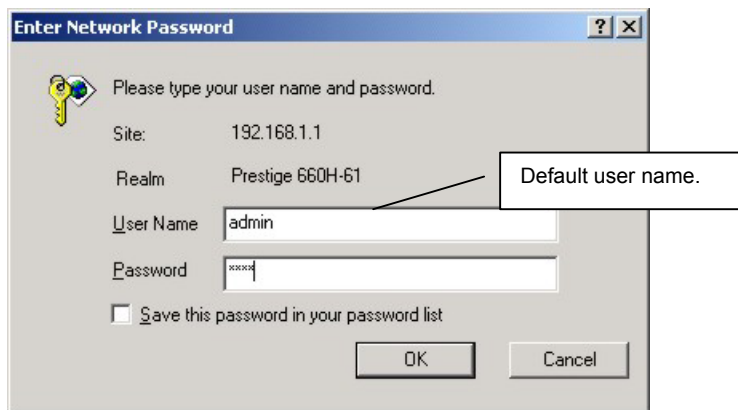


Figure 4 Web Configurator: Password Screen

Step 3. You should now see the web configurator **Site Map** screen.

- Click **Wizard Setup** to begin a series of screens to configure your Prestige for the first time.
- Click a link under **Advanced Setup** to configure advanced Prestige features.
- Click a link under **Maintenance** to see Prestige performance statistics, upload firmware and back up, restore or upload a configuration file.
- Click **Logout** in the navigation panel when you have finished a Prestige management session.

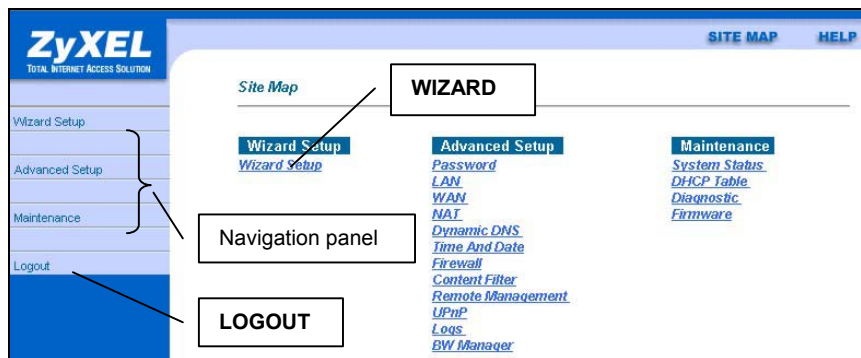


Figure 5 Web Configurator: Site Map Screen

The Prestige automatically times out after five minutes of inactivity. Simply log back into the Prestige if this happens to you.

4.2 Common Screen Command Buttons

The following table shows common command buttons found on many web configurator screens.

Back	Click Back to return to the previous screen.
Apply	Click Apply to save your changes back to the Prestige.
Reset/Cancel	Click Reset or Cancel to begin configuring this screen afresh.

4.3 Internet Access Using the Wizard

Use the Wizard Setup screens to configure your system for Internet access settings and fill in the fields with the information in the *Internet Account Information* table. Your ISP may have already configured some of the fields in the wizard screens for you.

Step 1. In the **Site Map** screen click **Wizard Setup** to display the first wizard screen.

Wizard Setup - ISP Parameters for Internet Access

Mode Routing ▾

Encapsulation PPPoA ▾

Multiplex LLC ▾

Virtual Circuit ID

 VPI 8

 VCI 35

Next

Figure 6 Wizard Screen 1

From the **Mode** drop-down list box, select **Routing** (default) if your ISP allows multiple computers to share an Internet account. Otherwise select **Bridge**.

Select the encapsulation type your ISP uses from the **Encapsulation** drop-down list box. Choices vary depending on what you select in the **Mode** field.

Select the multiplexing method used by your ISP from the **Multiplex** drop-down list box.

Enter the correct Virtual Path Identifier (VPI) and Virtual Channel Identifier (VCI) numbers supplied by your ISP in the **VPI** and **VCI** fields. These fields may already be configured.

Click **Next**.

Step 2. The second wizard screen varies depending on what mode and encapsulation type you use. All screens shown are with routing mode. Configure the fields and click **Next** to continue.

Wizard Setup - ISP Parameters for Internet Access

Service Name

User Name

Password

IP Address

Obtain an IP Address Automatically

Static IP Address

Connection

Connect on Demand: Max Idle Timeout Secs

Nailed-Up Connection

Network Address Translation

Figure 7 Internet Connection with PPPoE

Select **Nailed-Up Connection** when you want your connection up all the time. The Prestige will try to bring up the connection automatically if it is disconnected

From the **Network Address Translation** drop-down list box, select **SUA Only, Full Feature** or **None**. Refer to the *Network Address Translation* section for more information.

If your ISP provides the name of your PPPoE service provider, enter it in the **Service Name** field.

Enter the user name and password *exactly* as your ISP assigned them.

Select **Obtain an IP Address Automatically** if you have a dynamic IP address; otherwise select **Static IP Address** and type your ISP assigned IP address in the text box below.

Select **Connect on Demand** when you don't want the connection up all the time and specify an idle time-out period (in seconds) in the **Max Idle Timeout** field.

Wizard Setup - ISP Parameters for Internet Access

IP Address

Network Address Translation

Enter the IP address given by your ISP in the **IP Address** field.

The IP Address field is not available for bridge mode.

Refer to *Figure 7* for description of the **Network Address Translation** field.

Figure 8 Internet Connection with RFC 1483

Wizard Setup - ISP Parameters for Internet Access

IP Address

Obtain an IP Address Automatically

Static IP Address

IP Address

Subnet Mask

ENET ENCAP Gateway

Network Address Translation

In the **ENET ENCAP Gateway** field, enter the gateway IP address given by your ISP.

Refer to *Figure 7* for other field descriptions.

Figure 9 Internet Connection with ENET ENCAP

Wizard Setup - ISP Parameters for Internet Access

User Name

Password

IP Address

Obtain an IP Address Automatically

Static IP Address

Connection

Connect on Demand: Max Idle Timeout Secs

Nailed-Up Connection

Network Address Translation

Refer to *Figure 7* for field descriptions.

The IP Address and Network Address Translation fields are not available for bridge mode.

Figure 10 Internet Connection with PPPoA

- Step 3.** Verify the settings in the screen shown next. To change the LAN information on the Prestige, click **Change LAN Configurations**. Otherwise click **Save Settings** to save the configuration and skip to step 5.

Wizard Setup - ISP Parameters for Internet Access

WAN Information:
Mode: **Routing**
Encapsulation: **PPPoE**
Multiplexing: **LLC**
VPI/VCI: **8/35**
Service Name:
User Name: **user@isp.ch**
Password: *********
IP Address: **Obtain an IP Address Automatically**
NAT: **SUA Only**
Connect on Demand: **Max Idle Timeout 1500 Secs.**

LAN Information:
IP Address: **192.168.1.1**
IP Mask: **255.255.255.0**
DHCP: **ON**
Client IP Pool Starting Address: **192.168.1.33**
Size of Client IP Pool: **32**

Figure 11 Wizard Screen 3

- Step 4.** If you want to change your Prestige LAN settings, click **Change LAN Configuration** to display the screen as shown next.

Wizard Setup - ISP Parameters for Internet Access

LAN IP Address

LAN Subnet Mask

DHCP

DHCP Server

Client IP Pool Starting Address

Size of Client IP Pool

Primary DNS Server

Secondary DNS Server

Enter the IP address of your Prestige in dotted decimal notation in the **LAN IP Address** field. For example, 192.168.1.1 (factory default).

If you change the Prestige's LAN IP address, you must use the new IP address if you want to access the web configurator again.

Enter a subnet mask in dotted decimal notation in the **LAN Subnet Mask** field.

Figure 12 Wizard: LAN Configuration

From the **DHCP Server** drop-down list box, select **ON** to allow your Prestige to assign IP addresses, an IP default gateway and DNS servers to computer systems that support the DHCP client. Select **OFF** to disable DHCP server.

When DHCP server is used, set the following items:

Specify the first of the contiguous addresses in the IP address pool in the **Client IP Pool Starting Address** field.

Specify the size or count of the IP address pool in the **Size of Client IP Pool** field.

Enter the IP address(es) of the DNS server(s) in the **Primary DNS Server** and/or **Secondary DNS Server** fields.

Step 5. The Prestige automatically tests the connection to the computer(s) connected to the LAN ports. To test the connection from the Prestige to the ISP, click **Start Diagnose**. Otherwise click **Return to Main Menu** to go back to the **Site Map** screen.

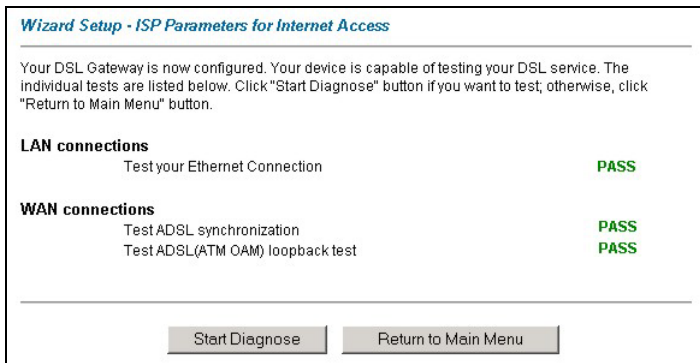


Figure 13 Wizard Screen 4

4.4 Test Your Internet Connection

Launch your web browser and navigate to www.zyxel.com. Internet access is just the beginning. Refer to the *User's Guide* for more detailed information on the complete range of Prestige features. If you cannot access the Internet, open the web configurator again to confirm that the Internet settings you configured in the Wizard Setup are correct.

5 Advanced Configuration

This section shows how to configure some of the advanced features of the Prestige.

5.1 Network Address Translation Overview

NAT (Network Address Translation - NAT, RFC 1631) is the translation of the IP address of a host in a packet. For example, the source address of an outgoing packet, used within one network is changed to a different IP address known within another network.

If you have a single public IP address then select **SUA Only** in the **NAT-Mode** screen (see *Figure 14*). If you have multiple public IP addresses then you may use full feature mapping types (see the *User's Guide* for more details).

NAT supports five types of IP/port mapping. They are:

1. **One-to-One:** One-to-one mode maps one local IP address to one global IP address. Note that port numbers do not change for One-to-one NAT mapping type.
2. **Many-to-One:** Many-to-One mode maps multiple local IP addresses to one global IP address.
3. **Many-to-Many Overload:** Many-to-Many Overload mode maps multiple local IP addresses to shared global IP addresses.
4. **Many-to-Many No Overload:** Many-to-Many No Overload mode maps each local IP address to unique global IP addresses.
5. **Server:** This type allows you to specify inside servers of different services behind the NAT to be accessible to the outside world.

5.2 Configuring SUA Server

An SUA server set is a list of inside (behind NAT on the LAN) servers, for example, web or FTP, that you can make visible to the outside world even though SUA makes your whole inside network appear as a single computer to the outside world.

- Step 1.** From the main screen click **Advanced Setup** and then **NAT** to open the **NAT-Mode** screen. Select **SUA Only**.

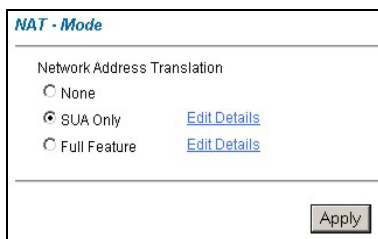


Figure 14 NAT: Mode

- Step 2.** Click **Edit Details**.

NAT - Edit SUA/NAT Server Set

	Start Port No.	End Port No.	IP Address
1	All ports	All ports	0.0.0.0
2	<input type="text" value="0"/>	<input type="text" value="0"/>	0.0.0.0
3	<input type="text" value="0"/>	<input type="text" value="0"/>	0.0.0.0
4	<input type="text" value="0"/>	<input type="text" value="0"/>	0.0.0.0
5	<input type="text" value="0"/>	<input type="text" value="0"/>	0.0.0.0
6	<input type="text" value="0"/>	<input type="text" value="0"/>	0.0.0.0
7	<input type="text" value="0"/>	<input type="text" value="0"/>	0.0.0.0
8	<input type="text" value="0"/>	<input type="text" value="0"/>	0.0.0.0
9	<input type="text" value="0"/>	<input type="text" value="0"/>	0.0.0.0
10	<input type="text" value="0"/>	<input type="text" value="0"/>	0.0.0.0
11	<input type="text" value="0"/>	<input type="text" value="0"/>	0.0.0.0
12	<input type="text" value="0"/>	<input type="text" value="0"/>	0.0.0.0

Figure 15 SUA/NAT Server

The following table describes the labels in this screen.

Table 3 SUA/NAT Server

LABEL	DESCRIPTION
Start Port No.	Type a port number in this field. To forward only one port, type the port number again in the End Port field. To forward a series of ports, type the start port number here and the end port number in the End Port field.
End Port No.	Type a port number in this field. To forward only one port, type the port number in the Start Port field above and then type it again in this field. To forward a series of ports, type the last port number in a series that begins with the port number in the Start Port field above.
IP Address	Enter the inside IP address of the server here.

5.3 Firewall Overview

The Prestige firewall is a stateful inspection firewall and is designed to protect against Denial of Service attacks when activated. The Prestige's purpose is to allow a private Local Area Network (LAN) to be securely connected to the Internet. The Prestige can be used to prevent theft, destruction and modification of data, as well as log events, which may be important to the security of your network. The Prestige also has packet-filtering capabilities.

When activated, the firewall allows all traffic to the Internet that originates from the LAN, and blocks all traffic to the LAN that originates from the Internet. In other words the Prestige will:

Allow all sessions originating from the LAN to the WAN
Deny all sessions originating from the WAN to the LAN

LAN-to-WAN rules are local network to Internet firewall rules. The default is to forward all traffic from your local network to the Internet.

The following figure illustrates a Prestige firewall application.

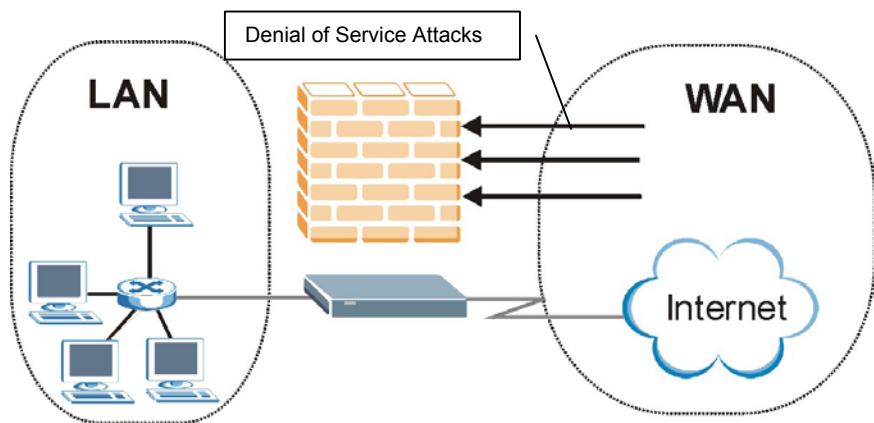
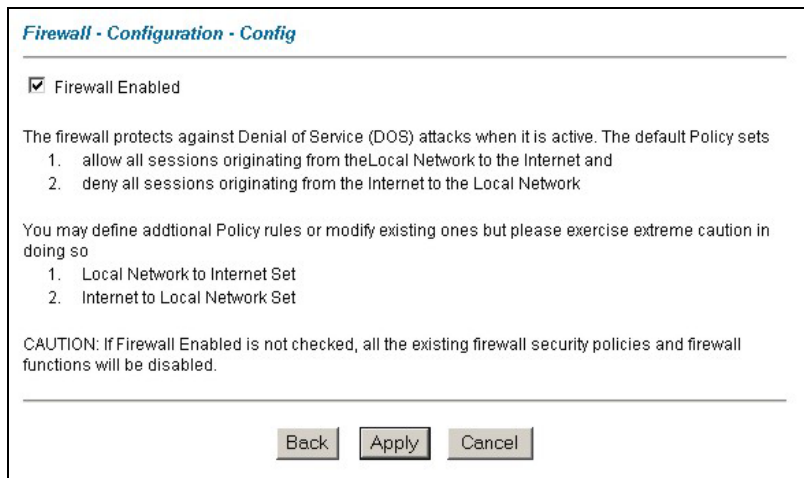


Figure 16 Prestige Firewall Application

5.4 Enabling the Firewall

From the main screen, click **Advanced Setup**, **Firewall** and then **Config** to open the screen as shown. Enable (or activate) the firewall by selecting the **Enable Firewall** check box as seen in the following screen.



Firewall - Configuration - Config

Firewall Enabled

The firewall protects against Denial of Service (DOS) attacks when it is active. The default Policy sets

1. allow all sessions originating from the Local Network to the Internet and
2. deny all sessions originating from the Internet to the Local Network

You may define additional Policy rules or modify existing ones but please exercise extreme caution in doing so

1. Local Network to Internet Set
2. Internet to Local Network Set

CAUTION: If Firewall Enabled is not checked, all the existing firewall security policies and firewall functions will be disabled.

Figure 17 Enabling the Firewall

5.5 Procedure for Configuring Firewall Rules

From the main screen, click **Advanced Setup**, **Firewall** and then **Rule Summary** (for either local network to Internet rules or Internet to local network rules) to open the **Summary** screen.

Firewall - LAN to WAN - Rule Summary

The default action for packets not matching following rules:

Default Permit Log

No.	Source IP	Destination IP	Service	Action	Log
1	<input type="text"/>	<input type="text"/>	<input type="text"/>		
2	<input type="text"/>	<input type="text"/>	<input type="text"/>		
3	<input type="text"/>	<input type="text"/>	<input type="text"/>		
4	<input type="text"/>	<input type="text"/>	<input type="text"/>		
5	<input type="text"/>	<input type="text"/>	<input type="text"/>		
6	<input type="text"/>	<input type="text"/>	<input type="text"/>		
7	<input type="text"/>	<input type="text"/>	<input type="text"/>		
8	<input type="text"/>	<input type="text"/>	<input type="text"/>		
9	<input type="text"/>	<input type="text"/>	<input type="text"/>		
10	<input type="text"/>	<input type="text"/>	<input type="text"/>		

Rules Reorder: Move rule number to rule number

Figure 18 Rule Summary

The following table describes the labels in this screen.

Table 4 Rule Summary

LABEL	DESCRIPTION
The default action for packets not matching following rules	Should packets that do not match the following rules be blocked or forwarded? Make your choice from the drop down list box. Note that "block" means the firewall silently discards the packet.
Default Permit Log	Click this check box to log all matched rules in the Access Control List (ACL) default set.

Table 4 Rule Summary

LABEL	DESCRIPTION
<p>The following read-only fields summarize the rules you have created that apply to traffic traveling in the selected packet direction. The firewall rules that you configure (summarized below) take priority over the general firewall action settings above.</p>	
No.	<p>This is your firewall rule number. The ordering of your rules is important as rules are applied in turn. The Move field below allows you to reorder your rules.</p>
Source IP	<p>This drop-down list box displays the source addresses or ranges of addresses to which this firewall rule applies. Please note that a blank source or destination address is equivalent to Any.</p>
Destination IP	<p>This drop-down list box displays the destination addresses or ranges of addresses to which this firewall rule applies. Please note that a blank source or destination address is equivalent to Any.</p>
Service	<p>This drop-down list box displays the services to which this firewall rule applies. Please note that a blank service type is equivalent to Any.</p>
Action	<p>This is the specified action for that rule, either Block or Forward. Note that Block means the firewall silently discards the packet.</p>
Log	<p>This field shows you if a log is created for packets that match the rule (Match), don't match the rule (Not Match), both (Both) or no log is created (None).</p>
Rules Reorder	<p>You may reorder your rules using this function. Select the rule you want to move. The ordering of your rules is important as rules are applied in turn.</p>
To Rule Number	<p>Select the number you want to move the rule to.</p>
Move	<p>Click Move to move the rule.</p>

Follow these directions to create a new rule.

- Step 1.** In the **Summary** screen, click a rule's index number. The **Edit Rule** screen opens.
- Step 2.** In the **Available Services** text box, select the services you want. Customize ports for services not predefined by the Prestige by clicking the **Edit**

Available Service buttons. For a comprehensive list of port numbers and services, visit the IANA (Internet Assigned Number Authority) web site.

Step 3. Configure the **Source Address** and **Destination Address** for the rule.

Firewall - LAN to WAN - Edit Rule 1

Source Address:

Source IP Address #####
 Any

SrcAdd
SrcEdit
SrcDelete

Destination Address:

Destination IP Address #####
 Any

DestAdd
DestEdit
DestDelete

Service:

Available Services:

AIM/NEW-ICQ(TCP:5190)
 AUTH(TCP:113)
 BGP(TCP:179)
 BOOTP_CLIENT(UDP:68)
 BOOTP_SERVER(UDP:67)

[Edit Available Service](#)

<< >>

Selected Services:

Any(UDP)
 Any(TCP)

Action for Matched Packets: Forward ▾

Log: None ▾

Alert

Back
Apply
Cancel
Delete

Figure 19 Creating/Editing A Firewall Rule

The following table describes the labels in this screen.

Table 5 Creating/Editing A F rewall Rule

LABEL	DESCF PTION
Source Address	Click SrcAdd to add a new address, SrcEdit to edit an existing one or SrcDelete to delete one. Please see the next section for more information on adding and editing source addresses.
Destination Address	Click DestAdd to add a new address, DestEdit to edit an existing one or DestDelete to delete one. Please see the following section on adding and editing destination addresses.
Services	
Available/ Selected Services	Highlight a service from the Available Services box on the left, then click >> to add it to the Selected Services box on the right. To remove a service, highlight it in the Selected Services box on the right, then click <<.
Edit Available Service	Click this button to go to the list of available services.
Action for Matched Packets	Should packets that match this rule be blocked or forwarded? Make your choice from the drop down list box. Note that Block means the firewall silently discards the packet.
Log	This field determines if a log is created for packets that match the rule, don't match the rule, both or no log is created.
Alert	Check the Alert check box to determine that this rule generates an alert when the rule is matched.
Delete	Click Delete to remove this rule.

5.6 Configuring Source and Destination Addresses

To add a new source or destination address, click **SrcAdd** or **DestAdd** from the previous screen. To edit an existing source or destination address, select it from the box and click **SrcEdit** or **DestEdit** from the previous screen. Either action displays the following screen.

Firewall - LAN to WAN - Rule IP Config

Address Type:

Start IP Address:

End IP Address:

Subnet Mask:

Figure 20 Adding/Editing Source and Destination Addresses

The following table describes the labels in this screen.

Table 6 Adding/Editing Source and Destination Addresses

LABEL	DESCRIPTION
Address Type	Do you want your rule to apply to packets with a particular (single) IP address, a range of IP addresses (e.g., 192.168.1.10 to 192.169.1.50), a subnet or any IP address? Select an option from the drop down list box
Start IP Address	Enter the single IP address or the starting IP address in a range here.
End IP Address	Enter the ending IP address in a range here.
Subnet Mask	Enter the subnet mask here, if applicable.

6 Troubleshooting

Table 7 Troubleshooting

PROBLEM	CORRECTIVE ACTION
None of the LEDs turn on when you turn on the Prestige.	<p>Make sure that you have the correct power adaptor connected to the Prestige and plugged in to an appropriate power source. Check all cable connections.</p> <p>If the LEDs still do not turn on, you may have a hardware problem. In this case, you should contact your local vendor.</p>
Cannot access the Prestige from the LAN.	<p>Check the cable connection between the Prestige and your computer or hub. Refer to the <i>Rear Panel Connections</i> section for details.</p> <p>Ping the Prestige from a computer on the LAN. Make sure your computer Ethernet adapter is installed and functioning properly.</p>
Cannot ping any computer on the LAN.	<p>If the LAN LEDs are all off, check the cable connections between the Prestige and your computers on the LAN.</p> <p>Verify that the IP address, subnet mask of the Prestige and the LAN computers are in the same IP address range.</p>
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. Find out the verification method used by your ISP and configure the corresponding fields.</p> <p>If the ISP checks the user ID, check your service type, user name, and password in the WAN Setup screen.</p>
Cannot access the Internet.	<p>Verify the Internet connection settings in the WAN Setup screen.</p> <p>Make sure you entered the correct user name and password.</p>