



Broadband Pakistan

ADSL Installation Guide

Zyxel

PTCL introduces DSL service for our valued subscribers. We are committed to provide you quality internet services. Please follow the installation instructions and log on to your ADSL broadband link.

Step 1: Connecting to the Splitter, Power Connection & LAN cable.

- 1 Line hole connects to PTCL wire or Wall phone Jack (RJ-11 Jack).
- 2 Modem hole connects to the DSL jack of the ADSL CPE (Customer Premises Equipment).
- 3 Phone hole connects to a telephone set.
- 4 Connect the Power Adapter to the AC power plug and attach the connector of adapter to the CPE and switch it on.
- 5 Attach one end of LAN wire (RJ-45) to the LAN interface of CPE and the other end to the LAN wire to the LAN interface of computer's LAN card.
- 6 Link Indicator lights will lit up and show the connectivity. ADSL light will start blinking and soon will be static as a sign of connectivity with our system, if the line is properly jumpered in PTCL premises with the DSLAM (Digital Subscriber Line Access Multiplexer).Joint less and direct cable line from the nearest PTCL pole or cabinet must be connecting to your splitter and then all the phone extensions must be taken from the phone hole of splitter. The Drop wire distance from PTCL pole or Cabinet must not be ideally more than 50 meters.(Twisted pair wire can be longer)

Step 2: ADSL Configuration in CPE and Computer

 DHCP is enabled by default; there is no need for IP settings in LAN connection. Open Internet Explorer and write "192.168.1.1" in address bar and press enter. There must not be any proxy setting in the internet Explorer.

🚳 401 Unauthorized - Microsoft Internet Explorer		
File Edit View Favorites Tools Help		-
🕞 Back • 🕑 • 💌 🗟 🏠 🔎 Search 🧙 Favorites 🤣 🙆 • 🍶 🔯 • 🛄 😢 • 🐇		
Address 192.168.1.1	💌 🄁 Go	Links
🕎 - 🔍 Web Search 🕂 🏺 Bookmarks 🔹 🖪 Settings 🔹 🔄 Messenger - 🔯 Mail	🔹 🐼 My Yahoo! 🔹	>>
401 Unauthorized + Add Tab		X
		~

<u>2.</u> Following Screen will appear. Enter the Pass word 1234 and press Login.

ZyXEL	
P-660R-T1 v2	
Welcome to your router Configuration Interface.	
Enter your password and press enter or click "Login".	Pass Word 1234
Login Cancel	

<u>3.</u> Next screen is for changing the pass word of DSL Router. Ignore this for retaining default Password by pressing ignore.

ZyXEL	
Use this scr	reen to change the password.
Your router is currently usin from unauthorized users we Please select a new passwo others to guess. We sugge difficult for an intruder to g	ng the default password. To protect your network e suggest you change your password at this time. and that will be easy to remember yet difficult for est you combine text with numbers to make it more uess.
Enter your new password in click "Ignore" to keep the d	n the two fields below and click "Apply". Otherwise default password
New Password:	
Retype to Confirm:	
	Apply Ignore

4. Next Screen is for wizard setup. Select "Go to Advanced setup" and press Apply

ZyXEL
Please select Wizard or Advanced mode
The Wizard setup walks you through the most common configuration settings. We suggest you use this mode if it is the first time you are setting up your router or if you need to make basic configuration changes.
Use Advanced mode if you need access to more advanced features not included in Wizard mode.
O Go to Wizard setup
 Go to Advanced setup
Click here to always start with the Advanced setup.
Apply

5. Following Screen will appear. Select "Network" on the left.

ZyXEL					8
	👌 Status				
Status				Refresh Interval: No	ne 💌 Apply
	Device Information		System St	atus	
P-660R-T1 v2					
• Network	Host Name:	P-660R-T1v2	System Uptir	me: 0:31:2	3
a-Security	Model Number:	P-660R-T1 v2	Current Date	e/Time: 01/01/	2000 00:31:24
	MAC Address:	00:19:cb:4f:d9:1c	System Mod	e: Routin	g / Bridging
B-Advanced	ZyNOS Firmware Version:	V3.40(AZP0) 09/07/2007	CPU Usage:		11.94%
Maintenance	DSL Firmware Version:	DMT FwVer: 3.5.18.8_A_TC	Memory Usa	ge:	63%
	WAN Information				
	- DSL Mode:	Error			
	- IP Address:	<u>0.0.0.0</u>	Interface	Status	
	- IP Subnet Mask:	0.0.0.0			
	- Default Gateway:	N/A	Interf	ace Status	Date
	- VPI/VCI:	0/103	Incert		Kate
	LAN Information		DSI	L Down	0 kbps / 0 kbps
	- IP Address:	<u>192.168.1.1</u>	LAN	J Un	100M/Full Duplex
	- IP Subnet Mask:	255.255.255.0			
	- DHCP:	Server			
			Summary		
			AnyIP Tabl	<u>e</u>	Packet Statistics

<u>6.</u> Select **"WAN"** and **"Internet Connection"** Tab. After filling the parameters given in the windows, Press Apply.

21	Network > WAN > Internet Connection	
Status	Internet Connection More Connections	WAN Backup Setup
	General	
P-660R-T1 v2		
	Name	MyISP
- WAN	Mode	Routing
	Encapsulation	PPPoE Y
	User Name	0515504350
H-Security	Password	()
-Advanced	Service Name	
H-Maintenance	Multiplexing	
	Virtual Circuit ID	For ONU
	VPI	
Manager and State of	VCI	
	IP Address	
	Obtain an IP Address Automatically	
	🔘 Static IP Address	
	IP Address	0.0.0
	Connection	
		Max Idle Timeout v sec
		Apply Cancel Advanced Setup

7. Select "Advanced/ Dynamic DNS" and check "Active Dynamic DNS", Press Apply.

	Advanced > Dynamic DNS
Status	Dynamic DNS
P-660R-T1 v2 Network Security Advanced - Static Route - Dynamic DNS - Remote MGMT - UPnP Maintenance	Dynamic DNS Setup ✓ Active Dynamic DNS Service Provider Dynamic DNS Type Host Name User Name Password Enable Wildcard Option Enable off line option (Only applies to custom DNS)
	IP Address Update Policy Use WAN IP Address Dynamic DNS server auto detect IP Address Use specified IP Address Apply Cancel

<u>8.</u> Select " **UPnP**" and check "Active the Universal Plug and Play(UPnP) Feature", Press Apply

	Advanced > UPnP > General
Status	General
P-660R-T1 v2 Network Security Advanced Static Route Dynamic DNS Remote MGMT UPnP Maintenance	UPnP Setup Device Name: ZyXEL P-660R-T1 v2 Internet Sharing Gateway Active the Universal Plug and Play(UPnP) Feature Allow users to make configuration changes through UPnP Note : For UPnP to function normally, the HTTP service must be available for LAN compute Apply Cancel

9. Check the assignment of IP Address under WAN Information.

	Status				
			Refresh Interval:	None 💌	Apply
Status					
and the second	Device Information		System Status		
R-T1 v2					
work	Host Name:	P-660R-T1v2	System Uptime:	1:26:36	
NAN	Model Number:	P-660R-T1 V2	Current Date/Time:	01/01/2000 0	01:26:40
AN	MAC Address:	00:19:cb:4f:e8:68	System Mode:	Routing / Brid	lging
	ZyNOS Firmware Version:	V3.40(AZP0) 09/07/2007	CPU Usage:		5.90%
IAT	DSL Firmware Version:	DMT FwVer: 3.5.18.8_A_TC	Memory Usage:		65%
urity	WAN Information				
anced	- DSL Mode:	ADSL2+ Mode			
Intia Dauta	- IP Address:	203.99.179.207	Interface Status		
tatic koute	- IP Subnet Mask:	255.255.255.255			
ynamic DNS	- Default Gateway:	N/A	Interface	Status	Rate
emote MGMT	- VPI/VCI:	0/103			
PnP	LAN Information	102 169 1 1	DSL	Up	4096 kbps / 1022
	- IP Autress:	255 255 255 0			Kops
ntenance	- DHCP:	Server	LAN	Up	100M/Full Duplex
	- DHCP:	<u>Server</u>			
			Summary		
			AnvIP Table	Pac	ket Statistics

Your installation is completed. Browse any web site to check the successful installation.