P-630-S

ADSL USB Modem

Quick Start Guide

Version 1.0 6/2006



Overview

The P-630-S allows you to have high-speed ADSL Internet access from a computer via a USB connection.

See the User's Guide for more information on all features.

1 Installing the USB Driver

System Requirements:

 Windows 98 SE (Second Edition), Windows Me (Millennium Edition), Windows 2000 or Windows XP

or

Macintosh operating system versions 9.1 or later

- 550MHz or above CPU
- · A minimum of 20 GB available hard disk space
- A minimum of 128 MB RAM
- An available USB port

1.1 Windows

Screen shots for Windows XP are shown in the following procedure.

- **Note:** You must start the driver setup wizard before connecting the P-630-S to your computer.
 - 1 Close all Windows programs and applications.
 - 2 Insert the CD that came with your P-630-S into the CD-ROM of your computer. The main screen displays as shown. If the screen does not display, double-click **autorun.exe** from the CD. Click **Setup**. If the driver setup does not run automatically, double-click **Setup.exe** under **Driver** from the CD.



₹ 79XEL-P-630 Series ZyXEL	× 1
Setup Documenta Tools Registration	
P-630 Series ADSL USB Modern (C) Cograft 2005 2/KEL Communications Cop	

3 Wait until you are prompted to connect your P-630-S's USB cable to the computer.

ADSL USB Modem Installation	
You need now to plug in your ADSL modem in order to complete the installation.	
Cancel	

Connect the USB cable to a USB port on your computer.



4 When the installation is complete, you will see this window. Click **OK** to close the wizard.

ADSL Modem Setup	×
Your modem installation is suc	cessful.

5 Connect the P-630-S's DSL port to a telephone jack using the included telephone wire.



The **USB** LED turns on when you have a successful USB connection. The **DSL** LED blinks during DSL line initialization and turns steady green when the P-630-S has a DSL connection.



1.2 Mac

The following two sections describe how to install the driver and your P-630-S for both Mac OS 9 and X.

Mac OS 9

Screens for Mac OS 9.2 are shown in this section.

- 1 Close all programs and applications.
- 2 Insert the included CD into the CD-ROM drive. An icon for the CD appears. Double-click the CD's icon.



3 Double-click the Mac OS 9 driver folder.



P-630-S Series Quick Start Guide

4 Double-click the .sit file.	Mac OS 9 Driver	D B
	1 item, 0 MB available	
	Driver.smi.sit	4
		 ▲ ▶ 4//
5 The file ADSLModem.smi will be created. Double- click ADSLModem.smi.	2 items, 6.2 MB available Driver.smi.sit	

6 The ADSLModem icon will display on the desktop. Double-click ADSLModem.





9 Click Switch Disk to select a destination (this must be on an actual physical hard drive on the Macintosh, not a virtual drive) and click Install.



10Click **Restart** to reboot your computer and complete the driver installation.

Installation of ADSL Modem		
Easy Install	Easy Install	
Insto • AD:	Installation was successful restart your computer to u software.	. You must now se your new
Dest		Restart
	Switch Disk	Install

11Connect the USB cable to a USB port on your computer. Connect the P-630-S's DSL port to a telephone jack using the included telephone wire.

Mac OS X

Screens for Mac OS 10.3 are shown in this section. The screens may varies slightly for Mac OS 10.4.

- 1 Close all programs and applications.
- 2 Insert the included CD into the CD-ROM drive. An icon for the CD appears. Double-click the CD's icon.



3 Double-click the driver folder specific to your Mac operating system.



Double-click the	000	Mac OS X 10.1-10.3 Driver		0
.hgx file.	▲ → :::::::::::::::::::::::::::::::::::		Q+ everywhere	
	Image: Wetwork Image	Briver.hax		
	×	1 item, Zero KB available		11.

5 The file ADSLModem.pk g will be created. Double-click ADSLModem.pk g to install the driver.

4



6 A welcome screen appears. Click **Continue**.



7 Click Continue.



8 A screen displays asking you to agree to the license agreement. Click **Agree**.



9 You will then see the Select a Destination screen, select a destination (this must be on an actual physical hard drive on the Macintosh, not a virtual drive) and click Continue.

	Select a Destination
e Introduction 9 License 9 Select Ostination 9 Installinger 9 Finish Up	Select a destination Select a destination oftware.

000 Install ADSL Modem Easy Install on "Macintosh HD" Introduction O License Click Upgrade to perform a basic installation of this software package on the volume "Macintosh HD." Select Destination Installation Type Installing Finish Up Go Back Upgrade 000 Install ADSL Modern Installing this software requires you to restart your computer when the installation is done. Are you sure you want ⊖ Introduc to install the software now? O License Select De Continue Installatio Cancel Installati Installing Finish Up

Go Back

Upgrade

10Click Upgrade.

11 You then see a screen telling you that you must restart the computer after the installation completes. Click **Continue Installation**. The driver will automatically install. 12Click **Restart** to reboot your computer and complete the driver installation.



13Connect the USB cable to a USB port on your computer. Connect the P-630-S's DSL port to a telephone jack using the included telephone wire.

2 Accessing the Internet

You will need your Internet access information such as user name and password if given by your ISP.

ISP INFORMATION	CONNECTION METHOD YOU ARE USING	ACTION
None	Bridge encapsulation with a dynamic IP address	Open your browser and surf the web.
A user name and password	PPPoA or PPPoE encapsulation	Go to Section 2.1 on page 16.
An IP address only	Bridge encapsulation with a static IP address	Go to Section 2.2 on page 26.

Note: The VPI and VCI are 8 and 35 by default; if your ISP gave you a different VPI and VCI, see the User's Guide.

2.1 PPPoA or PPPoE Dial-up Connection

If you are using PPPoE or PPPoA encapsulation, you must dial up your Internet connection like a traditional modem.

Note: If your ISP gave you an IP address, see also Section 2.2 on page 26 on how to configure a static IP address on your computer.

2.1.1 Windows

- 1 After you install the driver and the P-630-S, the ADSL status icon will appear in the system tray.
- 2 Double-click the icon to display the configuration wizard and select the **Setup** tab. Select a PPPoE or PPPoA profile and click **Reinstall**.



ADSL modem information	
Status Setup	
Installed Profile	
PPPoA(LLC,VPI=8,VCI=35))
Reinstallation	
If you want to install a different configuration, select a profile in the list above and press the <reinstall> button.</reinstall>	
Heinstall	
Options	
Display the ADSL status icon in the taskbar	
Display the control panel window always on top	
OK Ca	ancel

3 The dial-up icon appears on your desktop.



4 Double-click the icon to configure your user name and password for Internet access. Enter the user name and password that your ISP gave you and click **Dial**.

Connect ads	
User name:	usemame
Password:	•••••
<mark> </mark>	user name and password for the following users: y who uses this computer Cancel Properties <u>Help</u>

2.1.2 Mac



1 Click the Apple icon, **Control Panels** and **ADSL Modem** to start the configuration wizard.



2 Click the **Config** tab, select a profile and click **Save**.

	ADSL Modem 📃
Status Config	<u> </u>
Installed profile	
LLC (VPI=8, VCI=3	3) 🗘 Save
Modulation :	Multimode Annex A
VPI:	8
VCI:	35
Encapsulation :	LLC
Connection :	S/'ÿSAS″ĴÙĦÙ
	►.
L	

- 3 Click the Apple icon, Control Panels and TCP/IP.
- 4 In the TCP/IP screen, select PPP in the Connect via field.

Select **Using PPP Server** in the **Configure** field or select **Manually** and enter the IP address given by your ISP.

Click the close button at the top left corner and click **Save**.

(□)	TCP/IP (sku) 📃
Connect via:	PPP \$
Configure :	Using PPP Server
IP Address: Subnet mask: Router address: Name server addr.:	<pre>< will be supplied by server > < will be supplied by server > < will be supplied by server > </pre> <pre> Search domains: </pre>
0	
	Save changes to the current configuration? Saving the changes may interrupt any TCP/IP services currently established.
	Cancer Suve

5 Click the Apple icon, Control Panels and Modem.

6 Select PPPoA ADSL modem or PPPoE ADSL modem in the Connect via field and ADSL Modem Script in the Modem field.

Click the close button at the top left corner and click **Save**.

	Mo	dem		
Connect via:	PPPoA AD	SL Modern	•	1
Modern :	ADSL Mod	lem Script	ŧ	
Sound:	🖲 On	🔾 Off		
Dialing:	🖲 Tone	O Pulse		
	🔲 Ignore	dial tone		
0				

- 7 Click the Apple icon, Control Panels and Remote Access.
- 8 Select **Registered User**, enter the user name and password that your ISP gave you, enter any number in the **Number** field and click **Connect**.

Remote Access
▽ Setup
Registered User Guest
Name: wolai
Password: .
Save password
Number: 123456
Status
ld le.
Options Connect

Mac OS X

1 Click Finder, Applications and ADSL Modem.

2 Double-click **ADSL Modem** to start the configuration wizard.





3 Click the **Config** tab, select a PPPoE or PPPoA profile and click **Save**.

4 Click the Apple icon and System Preferences.

-	ADSL Mod	em		
_	Statu	lonfig		
Inst	talled profile	~		
	VPI=8,VCI=35	•	Save	
	Modulation: Multimode Annex A			-
	VPI: 8			
	VCI: 35			
	Protocol: PPPoE			
	Encapsulation: LLC			
	Grab File Edit C	Capture	Window	Help
1	Grab File Edit C About This Mac	Capture	Window	Help
	Crab File Edit C About This Mac Software Update	Capture	Window	Help
	Grab File Edit C About This Mac Software Update Mac OS X Software	Capture	Window	Help
	Crab File Edit C About This Mac Software Update Mac OS X Software System Preferences	Capture	Window	Help
	Grab File Edit C About This Mac Software Update Mac OS X Software System Preferences DOCK	Capture	Window	Help
	Grab File Edit C About This Mac Software Update Mac OS X Software System Preferences Dock Location	Capture	Window	Help

- 5 Double-click Network. 000 System Preferences 0 Personal e New (3) 0 Appearance Desktop & Dock Exposé International Security Screen Saver Hardware 8 CDs & DVDs Bluetooth Displays Energy Keyboard & Sound Saver Mouse Internet & Network Ø 1 Mac Netwo OuickTime Sharing System () 11 Software Accounts Classic Date & Time Speech Startup Disk Universal Update Access
- 6 A New Port Detected screen opens when the computer detects that the ADSL link is up. Click OK.



7 In the Network screen, select Ethernet Adaptor (en x) in the Show field. Click the PPPoE tab and select the Connect using PPPoE check box. Type the information from your ISP in the Service Provider, Account Name, Password and PPPoE Service Name fields. Select the Show PPPoE status in menu bar check box. Click Apply Now.

000	Network	
Location: (Location (2005/6/13 下午 3:	26) 🛟
Show: [Ethernet Adaptor (en15)	
TCP/IP PPP	oE AppleTalk Proxies	Ethernet
	Connect using PPPoE	
Service Provider:	MyISP	(Optional)
Account Name:	MyName	
Password:	•••••	
PPPoE Service Name:	name	(Optional)
	Save password Checking this box allows all us access this Internet account wi PPPoE Options	ers of this computer to thout entering a password.
(Show PPPoF status in men	u bar) 🤅

8 Click the PPPoE status menu bar icon at the right corner and select Connect.

-	↔ 💻 🛜 💲 🐠 🌉 💽 (100%) PPPoE: Idle	0	
C	Connect		
	✓ Ethernet Adaptor (en15)		
1	Open Internet Connect		

2.2 Setting up Your Computer's IP Address

Note: This section shows you how to configure an IP address on your computer. You only need to do this if you were given an IP address by your ISP.

2.2.1 Windows

Screens for Windows XP are shown in this guide unless otherwise specified. Steps and screen shots may vary depending on the version of Windows.

1 Click Start, Control Panel and Network Connections.

2 Right-click on the icon that corresponds to your new USB connection (not the one that corresponds to your network card) and select **Properties**.



3 In the Properties screen, make sure the Connect using field displays "LAN/ATM/ ADSL miniport". Select Internet Protocol (TCP/IP) and click Properties.

4 Click Use the following IP Address and fill in the IP address, Subnet mask and Default gateway (given by your ISP) fields. Click OK.



e appropriate IP settings.	ed to ask your network administrator for
O Obtain an IP address auton	natically
 Uge the following IP addres 	· · · · · ·
JP address:	192.168.1.57
Sybnet mask:	255.255.255.0
Default gateway	192.168.1.1
Obtain DNS server address Use the following DNS server: Preferred DNS server: Alternate DNS server:	automatically er addresses:

2.2.2 Mac

Mac OS 9

- 1 Click the Apple icon, Control Panels and TCP/IP.
- 2 In the TCP/IP screen, select PPP, Routed ADSL Modem or Bridged ADSL Modem in the Connect via field and Manually in the Configure field. Fill in the IP address, Subnet mask and Router address (given by your ISP) fields.

Click the close button at the top left corner and click **Save**.

U		TCP/IP (sku)	E
	Connect via:	Routed ADSL Modem	÷	
	Configure :	Manually	•	
	IP Address:	172.21.10.66		
	Subnet mask :	255.255.0.0		
	Router address :	172.21.0.254	\neg	
			Search domains :	
	Name server addr.:	168.95.1.1		
ļ	0			



Mac OS X

1 Click the Apple icon, System Preferences and Network to open the Network screen.

2 Select Ethernet Adaptor (en x) that corresponds to your new USB connection in the Show field. Click the TCP/IP tab and select Manually in the Configure IPv4 drop-down list box. Fill in the IP address, Subnet mask and Router (given by your ISP) fields. Click Apply Now.

3 Troubleshooting

(Show: Ethernet Adaptor (en15)	0
TCP/	IP PPPoE AppleTalk Proxies Ethern	net)
Configure IPv4:	Manually	
IP Address:	0.0.0.0	
Subnet Mask:	255.255.255.0	
Router:		
DNS Servers:		
Search Domains:		(Optiona
IPv6 Address:		
	Configure IPv6	(

PROBLEM	CORRECTIVE ACTION
None of the	Make sure your computer is turned on.
LEDs turn on.	Check the USB cable connections between the P-630-S and your computer.
	Check the USB cable (see if the USB cable works with a different USB device).
	Carefully follow the instructions to uninstall and reinstall the driver. See your User's Guide for how to uninstall the driver.
	If the error persists, you may have a hardware problem. In this case, you should contact your local vendor.
Cannot	Verify the Internet connection settings.
access the Internet.	Make sure you entered the correct user name and password if you are using PPPoE or PPPoA.
	Make sure the DSL port is properly connected to the phone jack with a telephone wire.
	Check the telephone wire (use it to plug the phone directly into the wall jack for a dial tone or try using a different one).
	Carefully follow the instructions to uninstall and reinstall the driver. See your User's Guide on how to uninstall the driver.
	Restart your computer.

PROBLEM	CORRECTIVE ACTION
Windows does not auto-detect the USB connection to the modem.	Make sure the P-630-S is turned on and connected to the USB port on the computer.
	Perform a hardware scan by clicking Start , Settings , Control Panel and double-clicking Add/Remove Hardware . (Steps may vary depending on the version of Windows).
	Follow the on-screen instructions to search for the P-630-S and install the driver.
	Check for possible hardware conflicts. In Windows, click Start , Settings , Control Panel , System , Hardware and then click Device Manager . Verify the status of the P-630-S under Network Adapters . (Steps may vary depending on the version of Windows).
	Connect the P-630-S to another computer. If the error persists, you may have a hardware problem. In this case, you should contact your local vendor.

Viewing Your Product's Certifications

- 1 Go to <u>www.zyxel.com</u>.
- 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.