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A Subsidiary of Upper Peninsula Telephone Company

Providing Exceptional DSL, Dial-Up,
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397 US 41 N – P.O. Box 86
Carney, MI 49812-0086
906.639.3500 (Local)
877.450.3500 (Toll Free)

DSL Setup Guide

Rev. October 25, 2006



ZyXel P-660RU

**For Technical Support, Call
877-450-3500 (Toll Free)
or
906-639-3500 (Local)**

DSL Modem Installation Instructions

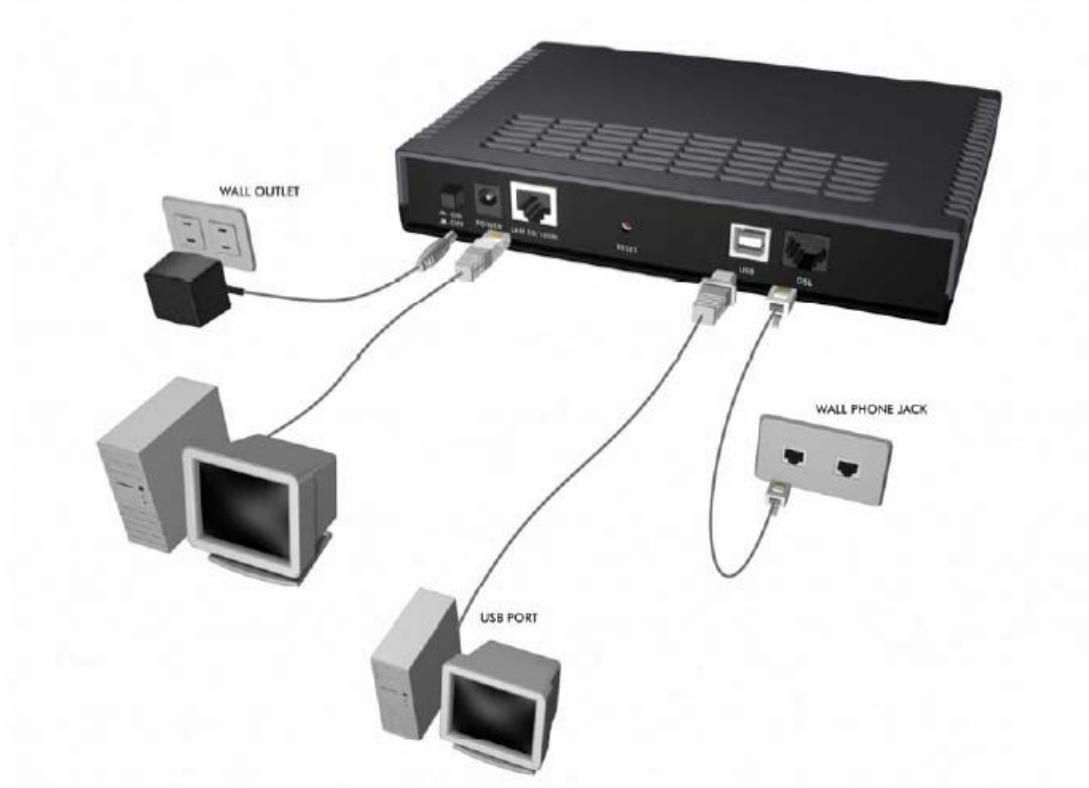
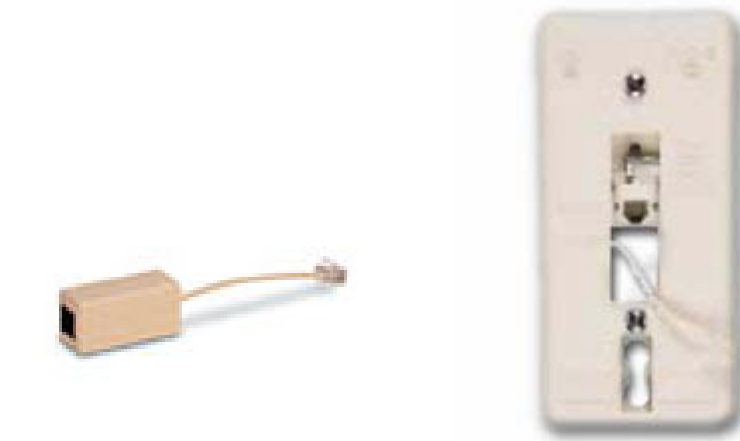


Figure 1: DSL Network Layout



Standard Filter

Wall Mount Filter

Figure 2: DSL Filter for Standard and Wall Mounted Phone Jacks

1. Install DSL filters on all active phone jacks.
 - a. This includes fax machines, satellite dishes, alarm systems, and telephones.
NOTE: You **MUST** obtain filters for all alarm systems from the alarm system manufacturer.
 - b. The filter **MUST** be placed at the jack, **NOT** at the equipment.
2. To install the DSL filters on a standard jack:
 - a. Unplug the phone line from the jack.
 - b. Plug the phone line into the filter.
 - c. Plug the filter into the wall.
3. To install the DSL filters on a wall mounted jack:
 - a. Remove the existing wall telephone from the jack.
 - b. Insert filter into wall jack.
 - c. Mount the filter over the wall jack lugs and slide down to attach.
 - d. Fully insert the telephone into the filter jack.
 - e. Mount the telephone over the filter lugs and slide down to attach.

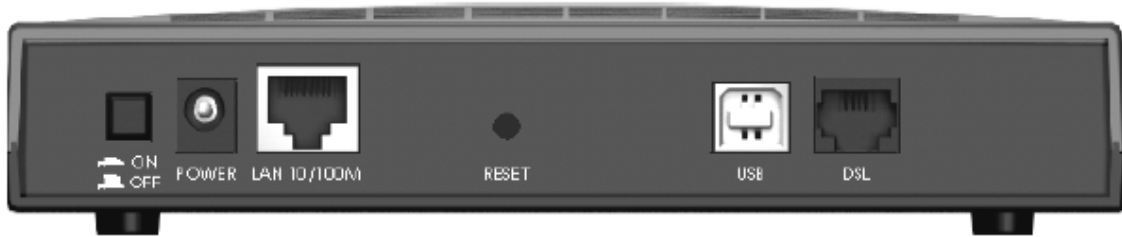


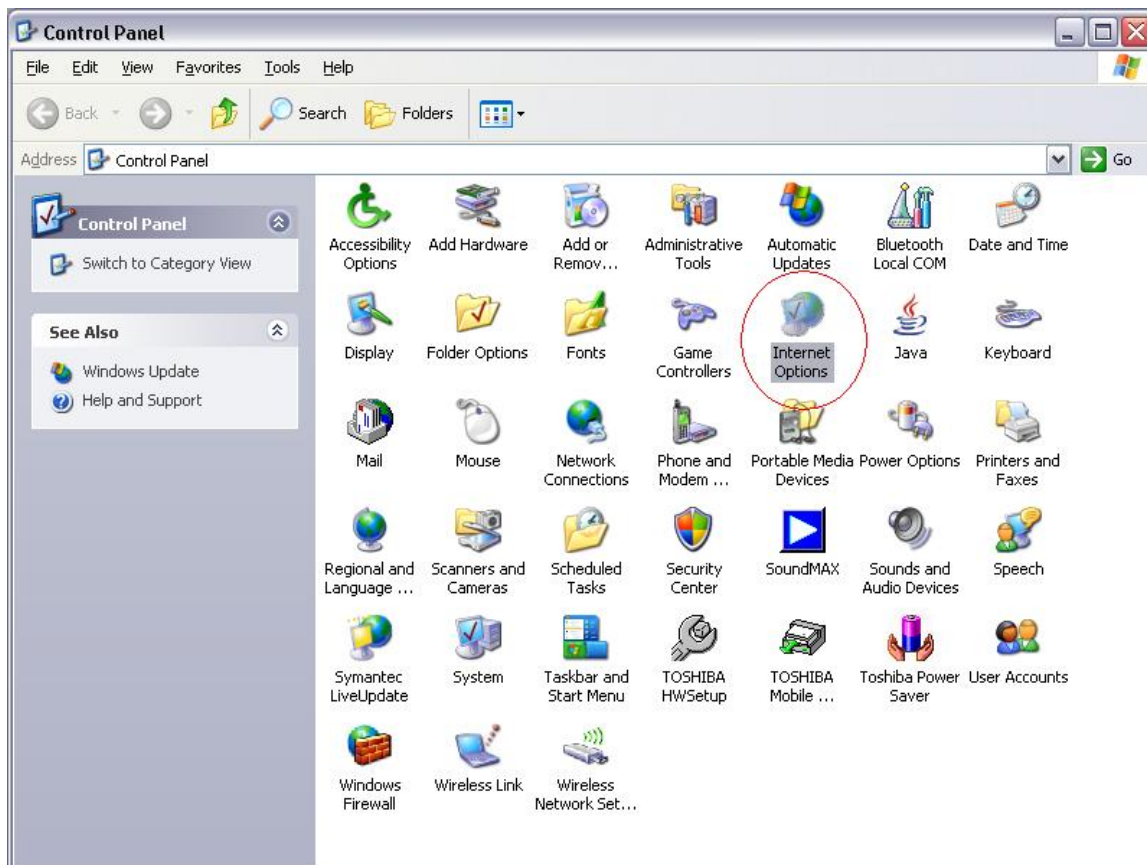
Figure 3: Back of ZyXel Modem

4. Connect either the USB cable or the red Ethernet (LAN 10/100M) cable to the back of the modem. **DO NOT** use both.
 - a. It is recommended that, if possible, the yellow Ethernet cable be used. If your computer does not have an Ethernet port, you must use the USB cable.
 - b. If you are using the yellow Ethernet (LAN 10/100M) cable, connect it to the Ethernet port on the back of the computer now.
 - c. If you are using the USB cable, **do not attach the cable to the computer at this time.**
5. **FOR USB CABLE USE ONLY** (if using Ethernet cable, skip to step 6).
 - a. Put CD in computer.
 - b. Click **Install Driver**.
 - c. Continue to follow the on-screen instructions until complete. (The software installation will prompt you at the correct time to connect the USB cable to the computer.)
 - d. The computer may ask you to reboot the machine, and you should do so at this time.
 - e. After the reboot, the computer will finish the installation.
 - f. Follow the on-screen instructions.
 - g. When installation is complete, you may remove the CD from the computer.
6. Connect the telephone line to the DSL port on the modem.
 - a. You should use the telephone line that was previously attached to your computer for dial-up Internet service, if available.
 - b. **DO NOT** place a filter on the jack where the DSL modem will be connected.

7. Connect the power cable to the back of the modem and to the power outlet or surge protector.
8. Verify that the modem **Power** button is in the **On** position.
 - a. At this time the lights will begin to blink. After a few moments the **Power** and **Sys** lights will become solid lights.
 - b. Shortly after these lights become solid, the **USB** or **LAN 10/100** light will light up and possibly blink.
 - c. Shortly thereafter the DSL light will begin to blink. This light should become a solid non-blinking light within five minutes.

Configure the PC

1. The next step is to disable any proxy settings in the Control Panel screen.
 - a. Windows 95/98/ME users should click on **Start**, then **Settings**, then **Control Panel**.
 - b. Windows XP users may need to click **Start**, then **Control Panel**, and then **Switch to Classic View** on the left side of the screen.



Figure

4: Control Panel

2. In the Control Panel, double click on **Internet Options**. Click on the **Connections** tab at the top of the screen. You will then need to click on the **LAN Settings** button.



Figure 5: Internet Properties Screen

3. In the **Local Area Network (LAN) settings** screen, make sure that there is NOT a check mark on the **Proxy server** (see Figure 6).

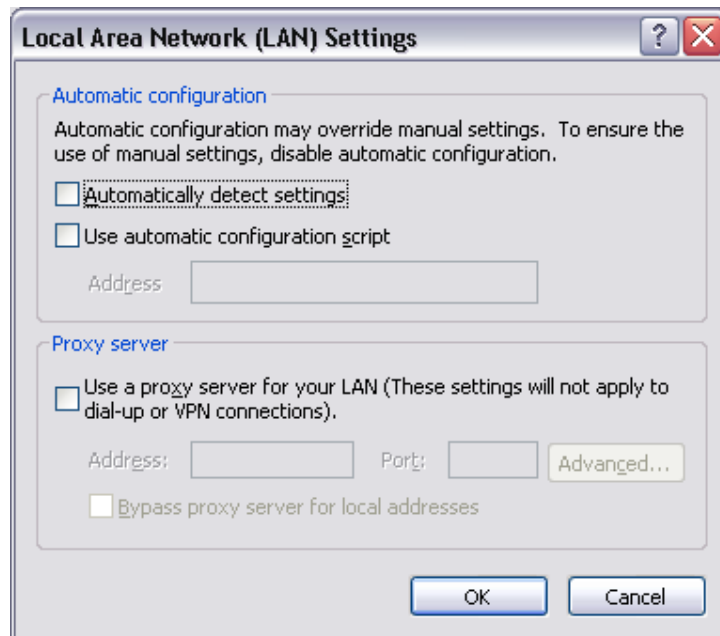


Figure 6: LAN Settings

4. When you have verified that there is not a check mark on the **Proxy server**, click **OK** at the bottom of the screen and click **OK** again to exit Internet Options. This will take you back to the **Control Panel**.
5. In the **Control Panel**, Windows 95/98/ME users will double click on the **Network** or **Network Connections** icon. Windows XP users should right click on **Local Area Network** and then click **Properties**.

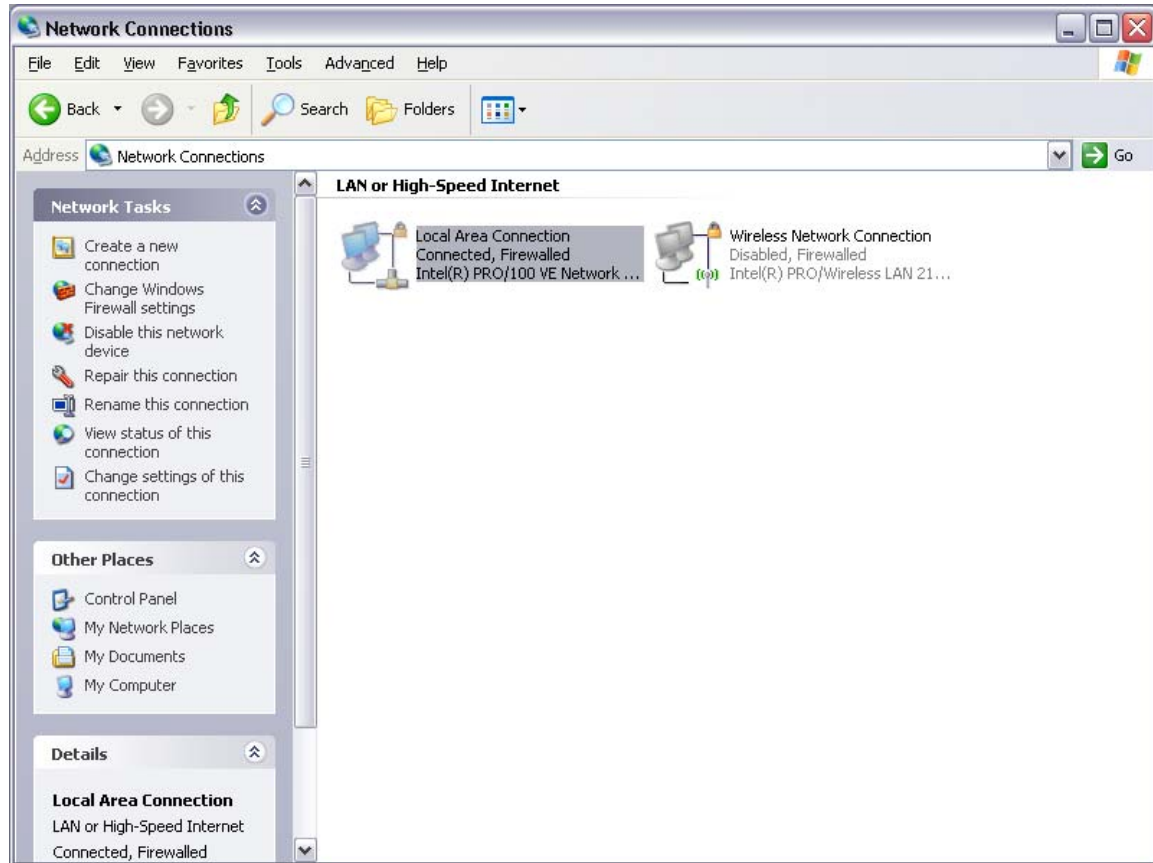


Figure 7: Network Connections

6. Click on **TCP/IP** or **Internet Protocol** (see Figure 8 on next page), and then click on **Properties**. If not already selected, click the **Obtain an IP Address Automatically** setting.
7. Windows XP Users:
 - a. Click on the **Advanced** button.
 - b. Click on the **IP Settings** tab.
 - c. If there are any Gateways listed under **Default Gateways**, remove them.
 - d. Click on the **DNS** tab. If there are any DNS servers listed under **DNS Server Addresses**, remove them.
 - e. Click **OK** twice.
 - f. Go to Step 9.
8. Windows 95/98/ME Users:
 - a. Click on the tab at the top that says **Gateway**. If there are any Gateways listed under **Installed Gateways**, remove them.
 - b. Next check the **DNS Configuration** tab. Make sure that **Disable DNS** is selected.

9. Once all of these settings have been checked, you can click **OK** or **Close** at the bottom of the screen. Close all open windows by clicking **OK** or **File Close**. If any changes were made, you may need to restart your computer. Click **OK** at the prompt. If you are not prompted to restart, we suggest that you restart your computer manually.

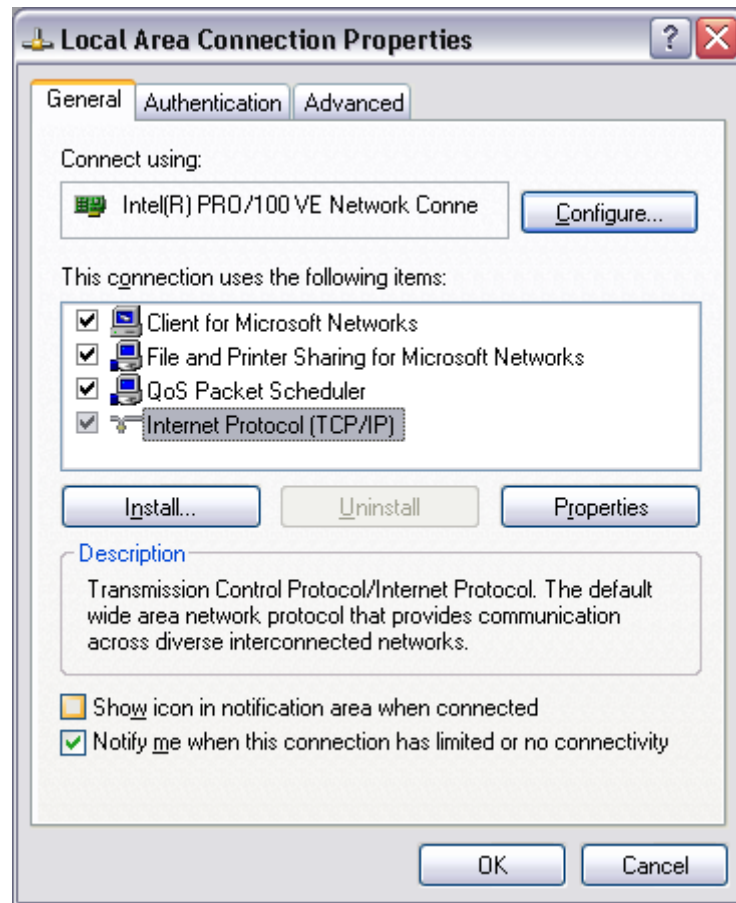


Figure 8: LAN Properties

INTERNET EXPLORER BROWSER SETUP INSTRUCTIONS

1. Double click on **Internet Explorer** (the big blue e). If it tries to connect, click **Work Offline**. If it comes up with an **Internet Connection Wizard**, choose **I already have a connection** or **Set Up Manually**.
2. Once Internet Explorer starts, if the error message **Page cannot be found** comes up, click **OK**.
3. Click **Tools** at the top of the screen.
4. Select **Internet Options**.
5. Under the **General** tab type www.alphacomm.net for your home page location.
6. Click on the **Connections** tab.
7. If any connections are listed in **Dial-Up Connections**, remove them.
8. Click **OK**.

You have completed the Internet Explorer (IE) portion of the setup. Happy browsing!

It is now time to set up your email account.

EMAIL SETUP

OUTLOOK EXPRESS

Follow these instructions **after** setting up your Internet Explorer Browser. **Note:** Outlook Express will repeat some of the settings. If you are switching from Alphacomm.net dial-up to Alphacomm.net DSL, you should not have to make any changes.

1. Double click the **Outlook Express** icon. **NOTE:** If this is the first time you are using Outlook Express, skip to step 4.
2. Click on **Tools** and then click **Accounts**.
3. Click on **Add** and then click **Mail**.
4. In the **Display name** box, enter the name you would like displayed when you send an e-mail; i.e., John Smith. This name can be anything you like. Click **Next**.
5. In the **Email address box**, enter your Alphacomm.net email address; i.e., johnsmith@alphacomm.net. Click **Next**.
6. At the **Email Server Names** screen, verify that the **My incoming mail server is a** box displays **POP3**, not IMAP or HTTP. If it doesn't, select POP3 from the drop down box.
7. In the **Incoming mail (POP3, IMAP, or HTTP) server** box enter:
mail.alphacomm.net
8. In the **Outgoing mail (SMTP) server** box enter: **mail.alphacomm.net**
9. Click **Next**.
10. The next screen will ask for your **Internet Mail Logon** information. Click in the line next to **Account name** and enter your username (everything before the "@" in your email address) if it is not already entered. Do **not** enter "@Alphacomm.net." Your username can be found on your Alphacomm.net Customer Information Sheet, or you can call Support at 877-450-3500 (toll free) or 906-639-3500 (local). The account name is case sensitive, so enter it exactly as shown on the customer information sheet.
11. Click in the **Password** line and type your password. The password is case sensitive, so be sure to enter it exactly as it appears on the customer information sheet.
12. You may also check the **Remember Password** option.
13. Click **Next**, then click **Finish**, then click **Close**.

NOTE: Some versions may include these additional steps:

- Choose, **I connect using a Local Area Connection**.
- Click **Next**, then click **Finish**.

YOU HAVE COMPLETED THE DSL SETUP!

THANK YOU FOR CHOOSING ALPHACOMM.NET!