

D-Link DP-300U

Fast Ethernet Print Server

Manual



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Package Contents



Contents of Package:

- **D-Link DP-300U**
Fast Ethernet Print Server
- Manual and Warranty on CD
- Printed *Quick Installation Guide*

If any of the above items are missing, please contact your reseller.

System Requirements:

- A computer with an installed Ethernet adapter
- Windows XP/2000/NT4/ME/98SE/95
- Apple Mac OS with AppleTalk
- Linux, Solaris, SCO Unix, AIX
- NetWare 5.x (Native NDS)
- Internet Explorer 6.0, or Netscape Navigator version 6.0 or above, with JavaScript enabled
- Printer must support required Operating System

Introduction

The D-Link DP-300U Print Server is an Ethernet/USB print server that connects to your Ethernet/Fast Ethernet network anywhere you wish to locate printer services. The DP-300U manages the flow of print files from workstations or file servers to connected printers, delivering print jobs to printers much faster than a file server or a PC acting as a print server can. With one USB (v2.0) port and two IEEE 1284 parallel ports, the DP-300U can connect to almost any printer with a USB port.

The DP-300U includes easy-to-use software to install on most Windows-based networks. Protocol support for TCP/IP, NetBEUI, and AppleTalk are provided to ensure seamless connection to major networking Operating Systems.

The DP-300U has a built in Web-Based management feature that allows users to easily configure and manage multiple print queues through TCP/IP. The DP-300U also supports Telnet as an alternative method to configure the unit.

The DP-300U improves network printing services in the following ways:

- The DP-300U picks up the workload of managing print file traffic to its connected printers. This provides workload relief to your file servers, and allows the file servers' full capacity to be used for file access or other direct services to network users. On peer-to-peer networks, workstations can print directly to the Print Server without increasing the load of another workstation or server
- The DP-300U's parallel printer ports are IEEE1284-compliant high-speed bi-directional ports, which can transmit to high-speed laser printers much faster than a PC's parallel printer port. High-speed laser printers connected to the Print Server's parallel ports can be operated at their full capacity.
- Because the DP-300U is very portable and inexpensive compared to a PC-based print server, and the Print Server connects to your file servers through the network, printers can be deployed to locations of maximum convenience to users.

The DP-300U offers extraordinary flexibility, operating with all major network operating systems and protocols:

■ **TCP/IP**

UNIX lpr/lpd (HP-UX, SunOS, Solaris, SCO, UnixWare, IBM AIX)
Windows NT/2000, Windows 95/98SE/ME, Windows XP
NetWare 5.x NDPS LPR Remote Printing

■ **NetBEUI**

Windows NT/2000/XP, Windows 95/98SE/ME, Windows for Workgroups,
Microsoft LAN Manager, IBM LAN Server

■ **AppleTalk**

MacOS EtherTalk

Windows-based setup and administration software, *PS Admin*, is supplied with the Print Server, making configuration and management quick and easy. The Print Server also supports configuration and management via the Telnet protocol for networks without Windows-compatible machines.

External Features

Port Connectors

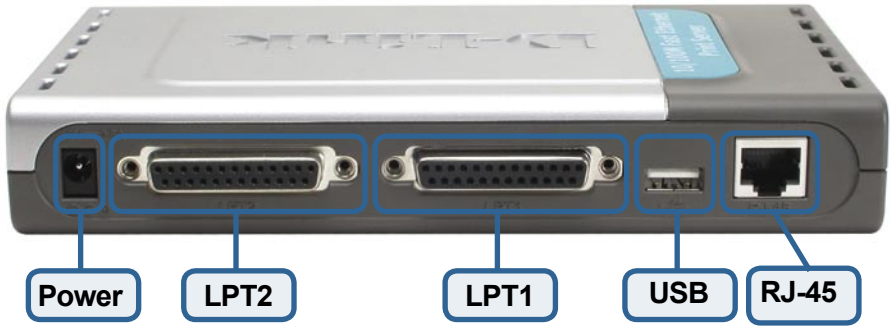
The DP-300U's three printer ports are located on its rear panel. One USB and two identical parallel ports are labeled USB, LPT1 and LPT2. These printer ports are independently configurable using the PS Admin program or the print server's Telnet interface. (See the PS Admin User's Guide, available on the CD that came with the DP-300U, for information about configuring the print server's ports.) The Print Server also supports web configuration permitting users to configure settings through the web browser. Default IP Address as follows:

- Default IP Address – 192.168.0.10
- Subnet Mask – 255.255.255.0

Note:

The PC's IP Address must be in the same subnet as the Print Server's IP Address for the two devices to communicate. (For example, if your Print Server's IP Address is 192.168.0.10, with a subnet mask of 255.255.255.0, then your computer's IP Address should be 192.168.0.x, where x is a value between 1-254, excluding 10.)

Rear Panel Connectors



Network Cable Connector

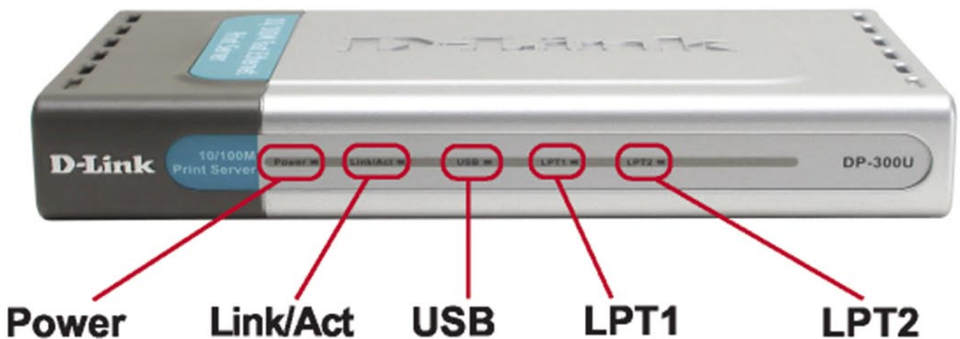
The Print Server's rear panel features an RJ-45 connector for connection to 10Base-T Ethernet cabling or 100Base-TX Fast Ethernet cabling (which should be Category 5 twisted-pair cable). The port supports the NWay protocol, allowing the Print Server to automatically detect or negotiate the transmission speed of the network.

DC Power Connector

The DC power input connector is located on the Print Server's rear panel and is labeled DC 5V.

LED Indicators

The front panel of the Print Server features five LED indicators:



Front Panel LED Indicators

■ Power

Steady or flashing green confirms that the Print Server is powered **ON**.

■ Link/Act

Steady or flashing green confirms that the Print Server has a good connection to the Ethernet or Fast Ethernet network.

The indicator blinks off briefly to indicate that the Print Server is receiving or transmitting from the network.

■ USB, LPT1, LPT2

These LED indicators light to show that the Print Server is transferring print data through the appropriate parallel port or USB port.

These three indicators are also used by the Print Server's Power-**ON** Self Test (POST) to indicate any hardware failures.

Setting up the DP-300U

Installing the Print Server

WARNING: Configuration problems may result if the Print Server is powered up without first establishing its network connection. Follow this procedure to avoid complications at the configuration stage.

1. Confirm proper operation of each of the printers to be connected to the DP-300U.
2. When you have confirmed proper operation of each printer, switch its power **OFF**.
3. Confirm that your network is operating normally.
4. Connect the DP-300U RJ-45 Connector to the network, using an Ethernet CAT5 cable.
5. While the printer is powered **OFF**, install the USB or parallel printer cable to connect the printer's USB port to the USB or parallel port of the Print Server.
6. Switch on each connected printer.
7. Plug the AC power adapter's DC output plug into the DC 5V power socket on the rear panel of the Print Server.
8. Plug the power adapter into a power outlet. This will supply power to the Print Server, as it has no external power switch. The green Power LED on the Print Server's front panel should illuminate steadily, and the Print Server's Self-Test will proceed.

Power ON Self-Test

Every DP-300U has been factory-tested to operate properly.

When the DP-300U is powered ON, it also automatically performs a Self-Test on each of its major components. The final result of the Self-Test is signaled by the state of the USB, LPT1 and LPT2 LED indicators following the Self-Test. Preliminary to the actual component tests, the three LED indicators are tested to confirm their steady and flashing operation.

Immediately after power-up, all five of the green LEDs should illuminate steadily for several seconds. Then the USB, LPT1 and LPT2 LEDs should flash ON simultaneously three times. Irregularity of any of the three LEDs during these LED tests may mean there is a problem with the LEDs themselves.

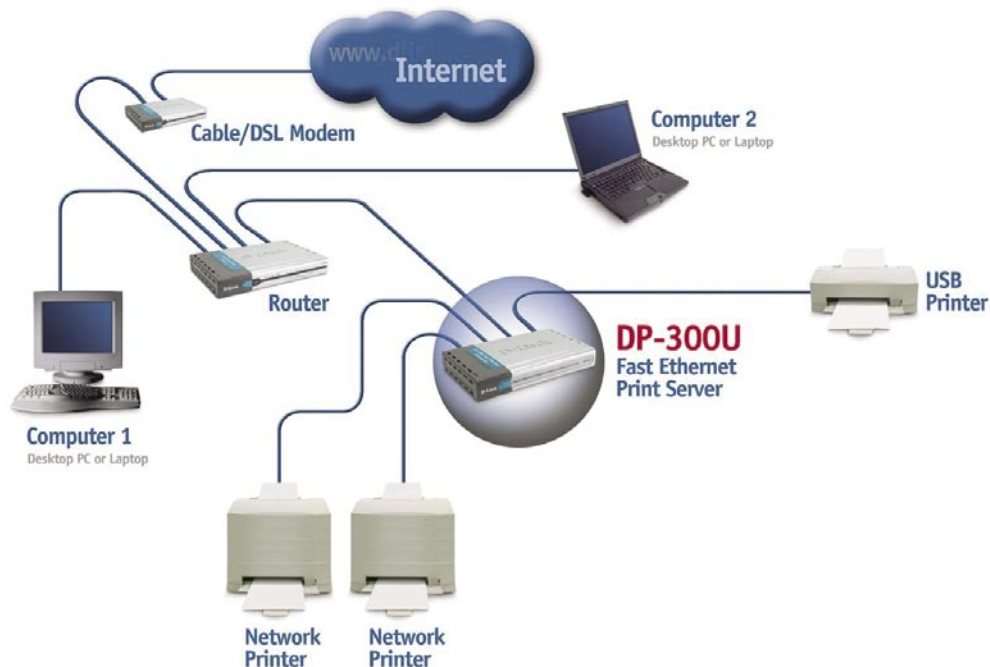
The actual component tests immediately follow the LED tests. A normal (no fault) result is signaled by a simultaneous flashing of these three LEDs, followed by a quiescent state with all three LEDs dark.

If the Self-Test routine traps any component error, then following the LED tests the Self-Test will halt and the LEDs will continuously signal the error according to the following table. In the event of any such error signal, contact your dealer for correction of the faulty unit.

LED Name			Faulty Component
USB	LPT1	LPT2	
low speed flashing			Need to reload firmware
ON			DRAM error
1 long 2 short			Timer INT error
1 long 3 short			Flash Protected
1 long 5 short			Flash Erase/Program error
1 long 6 short			LAN Controller error
1 long 8 short			LPT1 Controller error
1 long 9 short			LPT1 error
1 long 12short			LPT2 Controller error
1 long 13 short			LPT2 error
1 long 14 short			MII error
1 long 18 short			USB error

Getting Started

Below is a sample network using the DP-300U. The DP-300U has a built-in Web-based management feature that allows users to easily configure and manage multiple print queues through TCP/IP.



Warning!

Only a USB printer may be connected to the USB port of the DP-300U. Do not connect any other USB devices to the USB port of the DP-301U; to do so, may damage the unit and will void the warranty for this product.

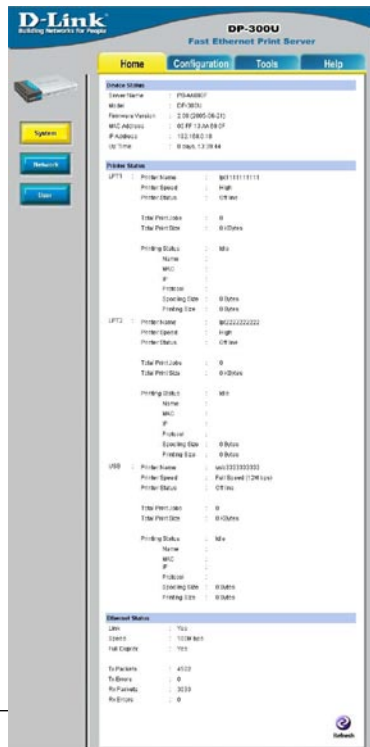
*For a list of printers that are compatible with the DP-301U, please see the **Appendix** in this manual. The compatibility list is not comprehensive. Even if it is not included in the list, your printer may be compatible with the DP-300U.*

Using the Web Configuration

Open your web browser and type **http://192.168.0.10** in the address box, and press <Enter>. This set of numbers is the default IP Address of your Print Server. **Please note that the PC's IP Address must correspond with the Print Server's IP Address in the same segment for the two devices to communicate.**



When you entered the default IP address, the main screen of the Print Server's configuration will appear (see below). In addition to the product information, you can access and control the Print Server's configuration through four links on the top of this main screen: **Home, Configuration, Tools, and Help.**



Using the Web Configuration (continued)

Home

Click on **Home** tab from the tools bar of the main screen to display information of the DP-300U's **System Status** and **Printer Status**.

Home > System

As shown below, the System displays the status of your print server, printer and network. Clicking Refresh will update the information.

The screenshot shows the D-Link DP-300U Web Configuration interface. The top navigation bar includes 'Home', 'Configuration', 'Tools', and 'Help'. The 'Home' tab is selected. On the left side, there are buttons for 'System', 'Printer', and 'USB'. The main content area is divided into three sections: 'Device Status', 'Printer Status', and 'Ethernet Status'. Each section contains a list of status items with their corresponding values.

Device Status	
Server Name	PS-A000F
Model	DP-300U
Firmware Version	2.00 (GDR 16-21)
MAC Address	E3 F7 13 A4 09 0F
IP Address	192.168.0.10
Up Time	6 Days, 13:39:41

Printer Status	
LPT1	Printer Name: L0011111111
	Printer Speed: High
	Printer Status: Off line
	Total Print Jobs: 0
	Total Print Size: 0 Bytes
	Printing Status: Idle
	Name: L0011111111
	MAC: L0011111111
	IP: L0011111111
	Printing Size: 0 Bytes
	Printing Rate: 0 Bytes
LPT2	Printer Name: L0022222222
	Printer Speed: High
	Printer Status: Off line
	Total Print Jobs: 0
	Total Print Size: 0 Bytes
	Printing Status: Idle
	Name: L0022222222
	MAC: L0022222222
	IP: L0022222222
	Printing Size: 0 Bytes
	Printing Rate: 0 Bytes
USB	Printer Name: x0033333333
	Printer Speed: Full (3000/1200 dpi)
	Printer Status: Off line
	Total Print Jobs: 0
	Total Print Size: 0 Bytes
	Printing Status: Idle
	Name: x0033333333
	MAC: x0033333333
	IP: x0033333333
	Printing Size: 0 Bytes
	Printing Rate: 0 Bytes

Ethernet Status	
Link	Yes
Speed	100M Bps
Full Duplex	Yes
Tx Packets	4502
Tx Errors	0
Rx Packets	3023
Rx Errors	0

Device Status: Information about the print server, including the firmware version, MAC/IP address, and the “up time” can be found in this field.

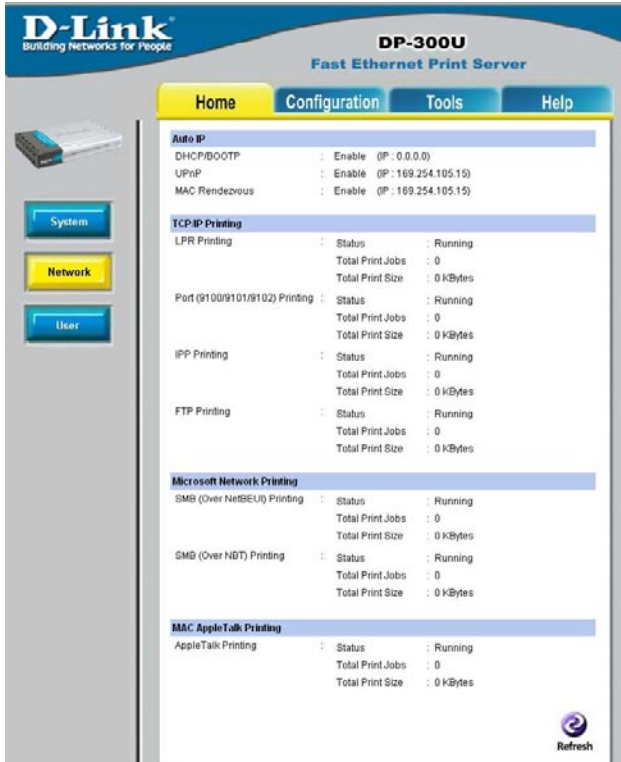
Printer Status: The items in this field display information about the printer, such as the given name of the printer, speed, printer status, and the status of your printing tasks, etc.

Ethernet Status: You can monitor the networking status in this field, including the network connection, speed, and the packets status.

Using the Web Configuration (continued)

Home > Network

Click the **Network** button in the left column to display information about the wireless LAN. Clicking **Refresh** will update the information.



Auto IP: This field contains the current settings of TCP/IP, including DHCP/BOOTP, UPnP, and MAC Rendezvous. The items in this field are configured in **Configuration>Network>TCP/IP**.

TCP/IP Printing: In this field, you can monitor the status of your printing tasks through TCP/IP.

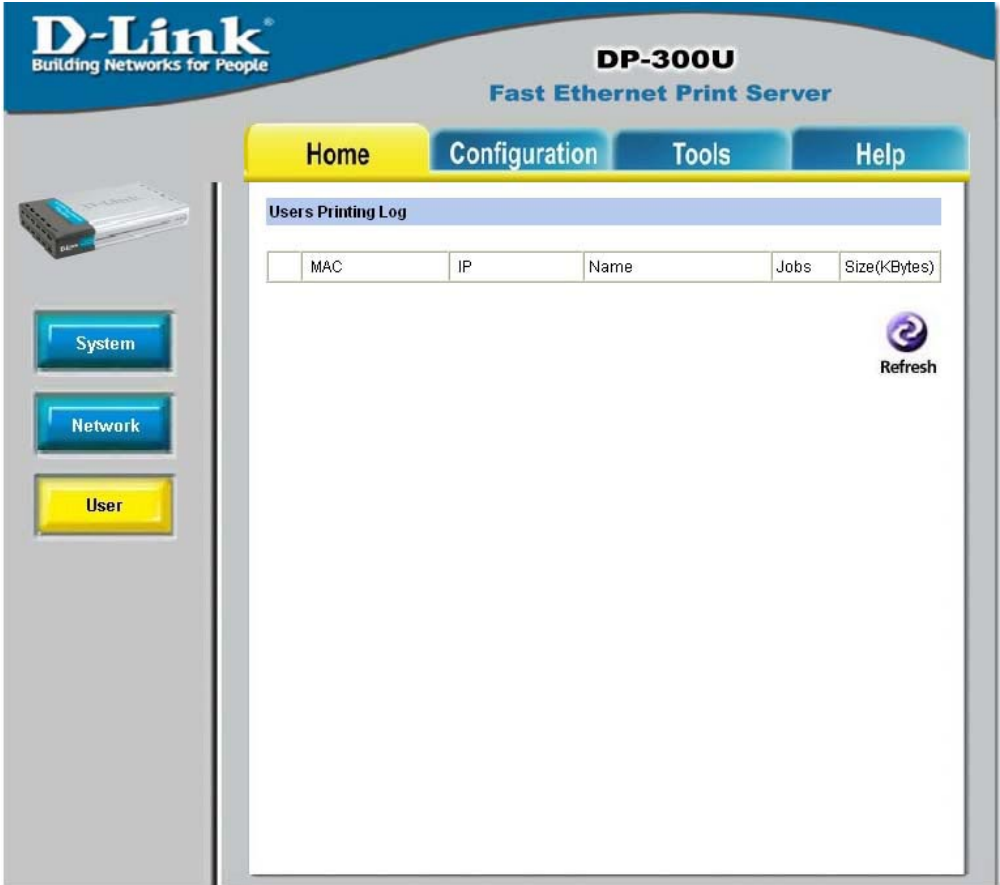
Microsoft Network Printing: In this field, you can monitor the status of your printing tasks through Microsoft Network.

Mac AppleTalk Printing: In this field, you can monitor the status of your printing tasks through Mac AppleTalk.

Using the Web Configuration (continued)

Home > User

Click the **User** button in the left column to display the user's information.



Users Printing Log: The items in this field display the user(s) information, which include the user(s) Mac address, IP address, name, and status of printing tasks.

Using the Web Configuration (continued) Configuration

Click on **Configuration** tab from the tools bar of the main screen to enter the Configuration Page; it provides the configuration options that include **System Device and Port Setting**

System Device and Port Setting

This option will show you settings required to configure the DP-301U Print Server. Consult your printers owner manual for the P.JL(Printer Job Language) and print speed supported on your printer. Click the <Save> button on the bottom of the configuration page to ensure the settings are updated and saved.

The screenshot shows the web configuration interface for a D-Link DP-300U Fast Ethernet Print Server. The interface is organized into a sidebar on the left with buttons for 'System', 'Network', 'User', and 'SNMP'. The main content area is titled 'DP-300U Fast Ethernet Print Server' and features a navigation bar with 'Home', 'Configuration', 'Tools', and 'Help'. The 'Configuration' tab is selected. The configuration is split into two sections: 'System Device' and 'Port Setting'. The 'System Device' section contains input fields for 'Server Name' (pre-filled with 'PS-A66XF'), 'Location', 'Admin Contact', and 'Password'. The 'Password' field has sub-fields for 'New Password' and 'Confirm Again'. The 'Port Setting' section lists three ports: LPT1, LPT2, and USB. For each port, there are fields for 'Port Name', 'Description', 'Speed' (set to 'High'), and 'P.J.L. Printer' (set to 'Yes'). At the bottom right of the configuration area, there are 'Apply' and 'Cancel' buttons with status icons.

Server Name: Assign a name to the print server.

Location (optional): Assign a location for the print server.

Admin contact (optional): Assign the Admin's contact name for the print server.

Password: Enter the Administrator password (3-8 characters). To set up the password, please enter the password in the **New Password** box, and then enter the same one again in the **Confirm Again** box.

Port Settings

In this field, you can assign the **Port Name** for the print server, and the description for the USB port. It also allows you to select the **P.J.L Printer** setting (Yes or No).

NOTE: P.JL (Print Job Language) has certain job requirements that must be met to work correctly. for more information, please refer to your printer's manual.

Using the Web Configuration (continued)

Configuration > Network

TCP/IP

This field contains three options that allow you to configure the TCP/IP setting:

IP Address: This option allows you to set the IP address manually or automatically. When you choose **Manually Assign**, you should enter the related information in the following boxes, including **IP Address**, **Subnet Mask**, and **Default Gateway**.

UPnP: This option allows you to enable or disable UPnP mode.

MAC Rendezvous: This option allows you to enable or disable MAC Rendezvous mode.

WEP Encryption: This option allows you to select **Disable**, **64-bit**, and **128-bit** for encryption setting.

Microsoft Network

Enter the name of the Workgroup that you want the print server associated with in this field.

AppleTalk

Enter the AppleTalk Zone name in the box. In the following options, enter the related configuration, such as the printer type.

USB/LPT1/LPT2


Chooser Name: Display the print server name.

Printer Type: Enter the printer's type in this box.

PostScript Level: Select from the pull-down menu (Level 1 or Level 2).

Font Group: Select from the pull-down menu.


TIP: Once you have changed the settings in each option, click Apply to store the settings.



DP-300U

Fast Ethernet Print Server

HomeConfigurationToolsHelp



System

Network

User

SNMP

TCP/IP

IP Address : Manually Assign

IP Address :

Subnet Mask :

Default Gateway :

Automatically Assign

DNS Server Address : 1.
2.

UPnP : Enable Disable

MAC Rendezvous : Enable Disable

Second HTTP Port : Enable Disable

Port Number :
(For Remote Web Configuration and IPP Printing)

Microsoft Network

Workgroup :



AppleTalk

AppleTalk Zone :

LPT1 : Chooser Name :
Printer Type :
PostScript Level :
Font Group :

LPT2 : Chooser Name :
Printer Type :
PostScript Level :
Font Group :

USB : Chooser Name :
Printer Type :
PostScript Level :
Font Group :


Apply **Cancel**

10

Using the Web Configuration (continued)

Configuration > User

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Home Configuration Tools Help

Printing Control

Enable User Printing Control : Yes No Apply Cancel

Define Users

Add User : User Name : Add

MAC Address :
(Example : 00 80 C8 A1 B2 C3)

Printing Access : Yes No

Delete User : 00 03 93 55 90 86 (Mac, Yes) Delete

User List :

	Name	MAC	Printing Access
1	Mac	00 03 93 55 90 86	Yes

Printing Control

By configuring the **Enable User Printing Control** option (**Yes** or **No**), the user in the User List is permitted to access the print server or not.

Define Users

You can add/delete the user(s) to/from the User List. The User List at the bottom of the screen displays the current defined user and related information for the print server.

Click **Apply** to save the changes.

Using the Web Configuration (continued)

Configuration > SNMP

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Home Configuration Tools Help

SNMP Management

Community 1	Name	: public
	Access Right	: Read/Write
Community 2	Name	:
	Access Right	: Read Only
Community 3	Name	:
	Access Right	: Read Only

Apply Cancel

SNMP Management

SNMP (Simple Network Management Protocol) is a set of protocols for managing complex networks.

Community 1/2/3: Enter a name in the **Name** box, and configure the **Access Right** by selecting **Read Only** or **Read/Write** from the pull-down menu.

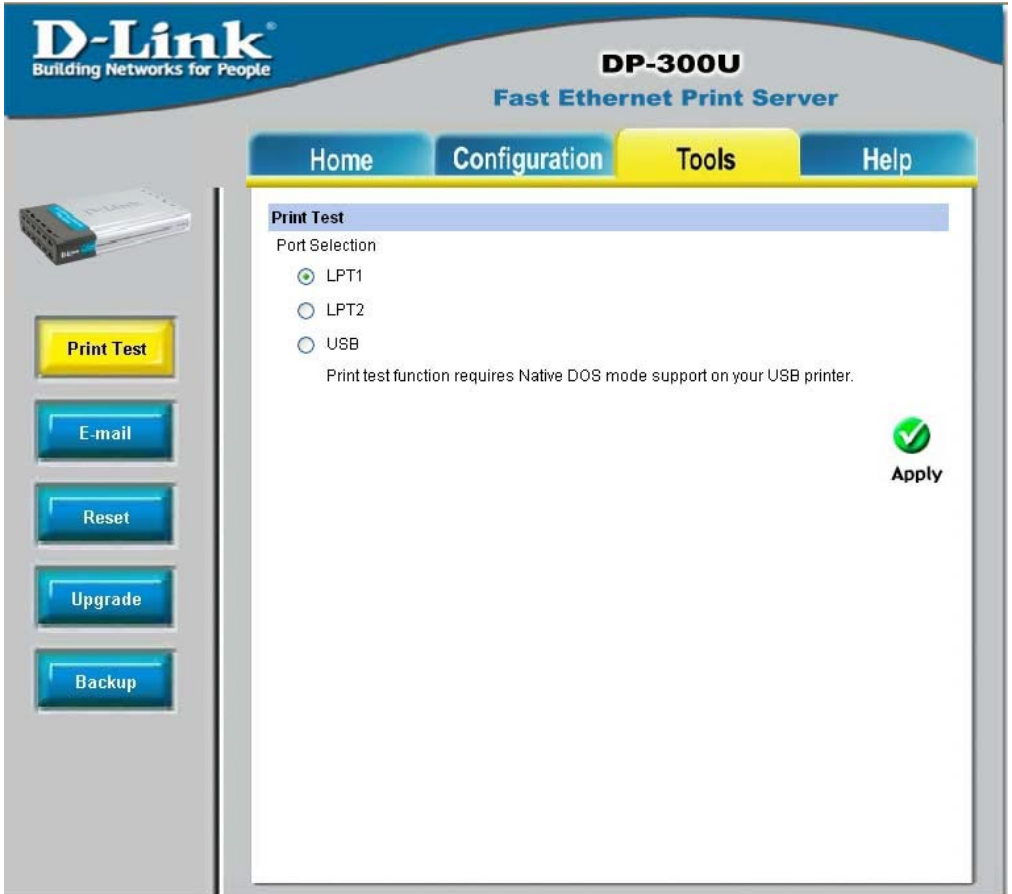
Click **Apply** if you have made changes.

Using the Web Configuration (continued)

Tools

Click on the **Tools** link from the tools bar of the main screen to enter the Tools Page; it provides the control options that include **Print Test**, **E-mail**, **Reset**, **Upgrade**, and **Backup**.

Tools > Print Test

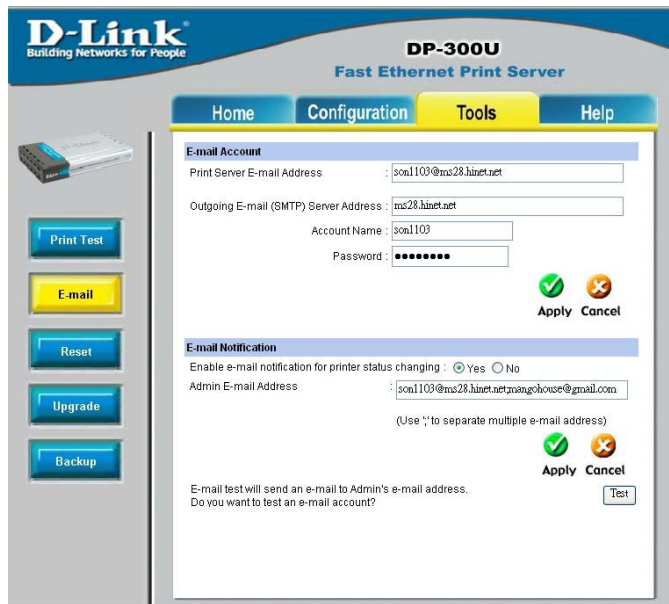


Print Test

Click **Test** to print a test page.

Using the Web Configuration (continued)

Tools > Email



E-mail Account

You can assign an E-mail address to the print server, so that the mail from the account can be printed out directly through the printer (ASCII test only). To enable this function, enter the E-mail account in the **Print Server E-mail Address** box.

Incoming E-mail (POP3) Server Address: Enter the server address that is used to receive your E-mail in this box.

Outgoing E-mail (SMTP) Server Address: Enter the server address that is used to send your E-mail in this box.

If your mail server needs to verify the user when sending E-mail, the DP-G310 will apply the same Account Name and Password to the mail server as it does when receiving E-mail.

Using the Web Configuration (continued)

Tools > Email (continued)

E-mail Notification

You can set the print server to send a message through E-mail when the printer status changes. To enable this function, set the **Enable e-mail notification for printer status changing** option to **Yes**. Then, input the administrator's Email address in the **Admin E-mail Address** box.

E-mail Printing

E-mail Printing (ASCII Text Only): Select **Enable** to enable the E-mail printing function.

Receive E-mail Interval: Enter the number in this box to set up the time (in minutes) to check/receive E-mail regularly.

Test E-mail Account: Click **Test** to send a test E-mail to the given administrator's Email address.

Receive E-mail: Click **Yes** to immediately check and receive E-mail, and then print out the mail when available.

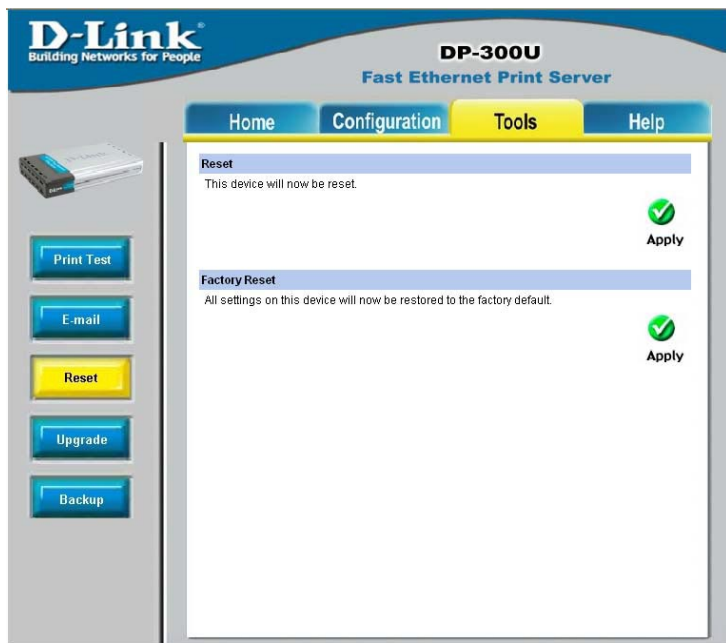
Reset

Reset

Click **Apply** to immediately reset the print server.

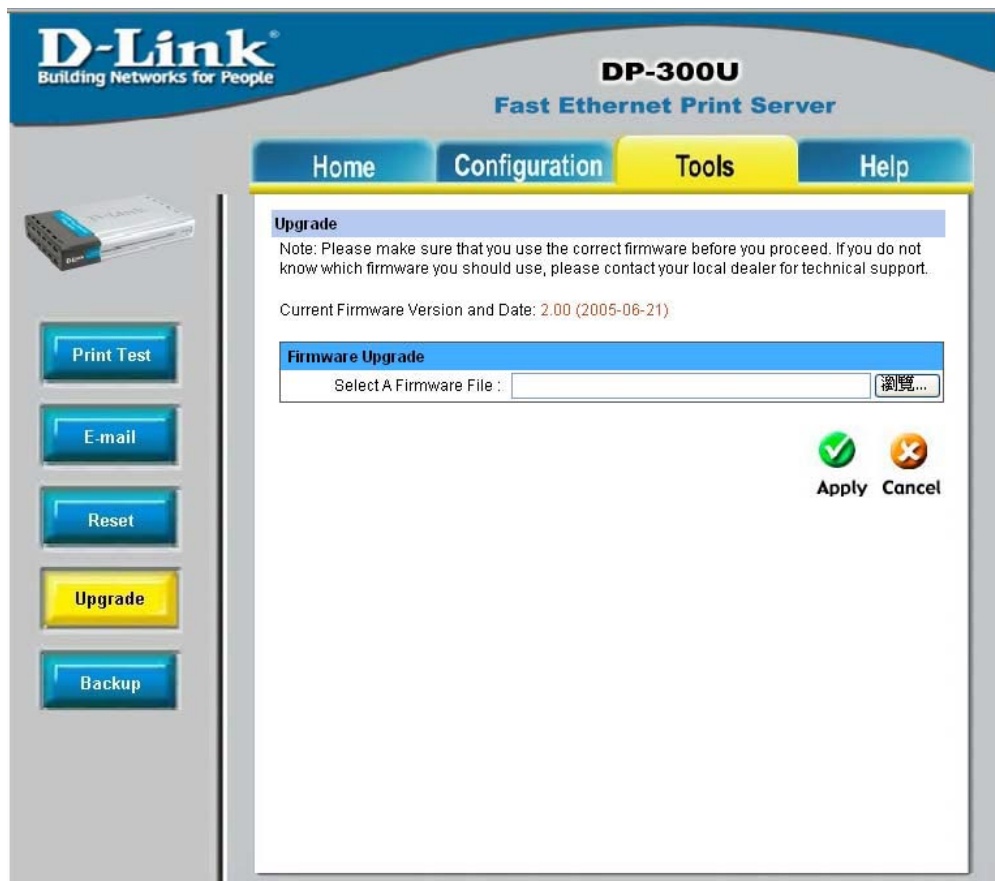
Factory Reset

Click **Apply** to reload the factory settings of the print server.



Using the Web Configuration (continued)

Tools > Upgrade



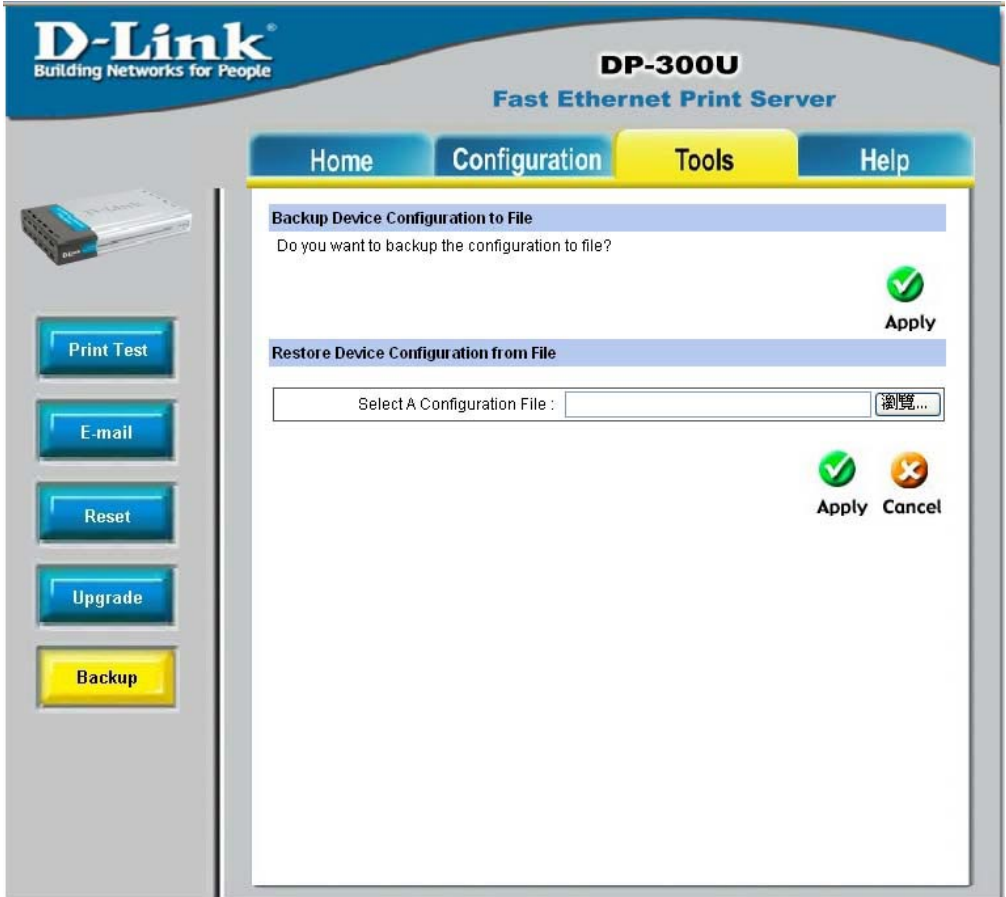
The screenshot displays the web configuration interface for a D-Link DP-300U Fast Ethernet Print Server. The interface has a blue header with the D-Link logo and the product name. Below the header, there are four navigation tabs: Home, Configuration, Tools (which is highlighted in yellow), and Help. On the left side, there is a vertical menu with five buttons: Print Test, E-mail, Reset, Upgrade (highlighted in yellow), and Backup. The main content area is titled 'Upgrade' and contains a note: 'Note: Please make sure that you use the correct firmware before you proceed. If you do not know which firmware you should use, please contact your local dealer for technical support.' Below the note, it shows the 'Current Firmware Version and Date: 2.00 (2005-06-21)'. There is a section titled 'Firmware Upgrade' with a text input field labeled 'Select A Firmware File :' and a '浏览...' (Browse) button. At the bottom right of this section, there are two buttons: 'Apply' (with a green checkmark icon) and 'Cancel' (with an orange X icon).

Firmware Upgrade

When a new version of firmware is available (e.g., downloaded from the manufacturer's website), you can upgrade the firmware of your print server. Click **Browse** to locate the firmware file, then click **Apply**.

Using the Web Configuration (continued)

Tools > Backup



Backup Device Configuration to File

Click **Apply** to backup your current configuration of the print server to file and then save in the computer.

Restore Device Configuration from File

You can reload a configuration that you saved before. Click **Browse** to point to the backup file, and then click **Apply**.

Help

Click on the **Help** link from the tools bar of the main screen to enter the Help Page, it provides a link to D-Link's support website. D-Link's support website will provide the most up to date information on your DP-301U Print Server. Please check the website regularly for product and firmware updates.



TCP/IP Printing for Windows XP

Open the web browser, and type in the IP Address of the DP-300U.
For example, type <http://192.168.0.10> into the **Location** or **Address** field. Press the **Enter** or (**Return**) Key.

Note:

The PC's IP Address must be in the same subnet as the Print Server's IP Address for the two devices to communicate. (For example, if your Print Server's IP Address is 192.168.0.10, with a subnet mask of 255.255.255.0, then your computer's IP Address should be 192.168.0.x, where x is a value between 1-254, excluding 10.) See *Networking Basics: Assigning a Static IP Address* in this manual to find out how to change an IP Address.



TCP/IP Printing for Windows XP (continued)

At the **Configuration** window, write down the **Port Name** for future reference. You will need this information later in the configuration process.



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Fast Ethernet Print Server

Home Configuration Tools Help

System Device

Server Name : PS-AA690F
Location :
Admin Contact :
Password : New Password :
Confirm Again :

Port Setting

LPT1	Port Name	lpt1111111111
	Description	1234567890aaaaaaaa1234567890aaaaaaaa
	Speed	High
	PJL Printer	Yes
LPT2	Port Name	lpt2222222222
	Description	1234567890aaaaaaaa1234567890aaaaaaaa
	Speed	High
	PJL Printer	Yes
USB	Port Name	usb3333333333
	Description	1234567890aaaaaaaa1234567890aaaaaaaa
	PJL Printer	Yes

Apply Cancel

TCP/IP Printing for Windows XP (continued)

When you select **TCP/IP Protocol** at the **Network** window, the screen below appears. (We recommend that you keep the default settings as shown.) If you need to make changes, make sure to click **Apply** after you have made the changes. (You may wish to make a note of the IP Address.)

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Fast Ethernet Print Server

Home Configuration Tools Help

TCP/IP

IP Address : Manually Assign
IP Address : 192.168.0.106
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.0.66
 Automatically Assign

DNS Server Address : 1. 168.95.1.1
2. 0.0.0.0

UPnP : Enable Disable

MAC Rendezvous : Enable Disable

Second HTTP Port : Enable Disable
Port Number : 1010
(For Remote Web Configuration and IPP Printing)

Microsoft Network

Workgroup : WORKGROUP

Apple Talk

AppleTalk Zone : Test

LPT1 : Chooser Name : lpt1111111111
Printer Type : MacLpt
PostScript Level : Level 2
Font Group : All Font

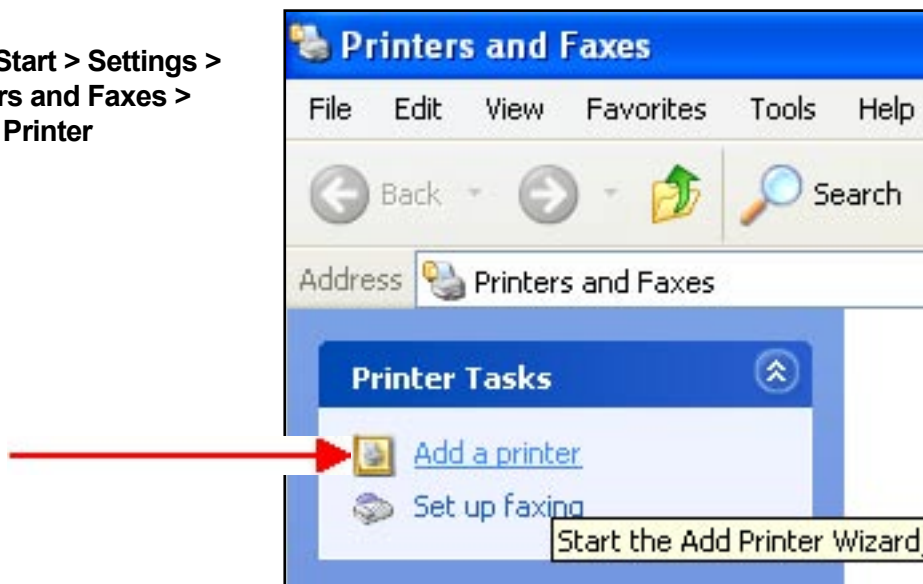
LPT2 : Chooser Name : lpt2222222222
Printer Type : MacLpt2
PostScript Level : Level 2
Font Group : All Font

USB : Chooser Name : usb3333333333
Printer Type : MacUse3
PostScript Level : Level 2
Font Group : All Font

Apply Cancel

TCP/IP Printing for Windows XP (continued)

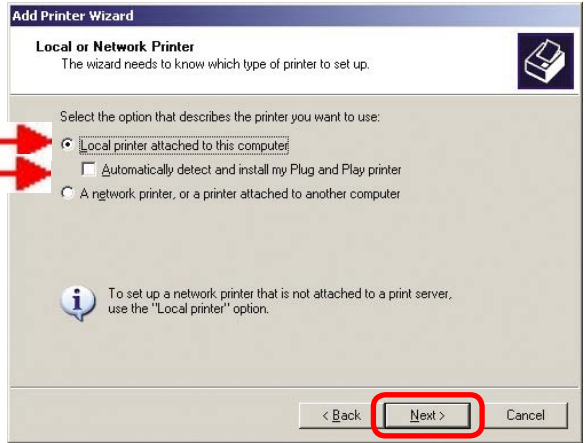
Go to **Start > Settings > Printers and Faxes > Add a Printer**



Click **Next**

TCP/IP Printing for Windows XP (continued)

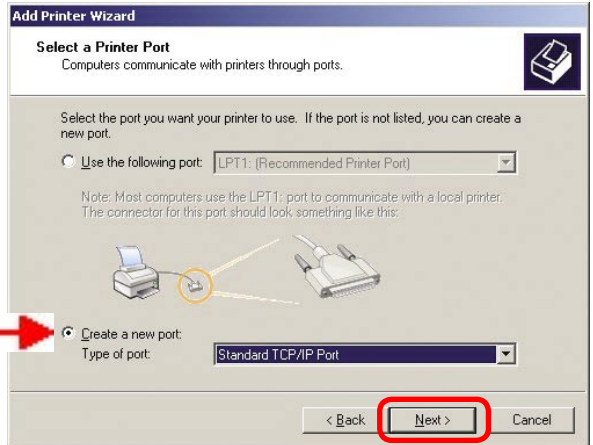
Select **Local Printer**



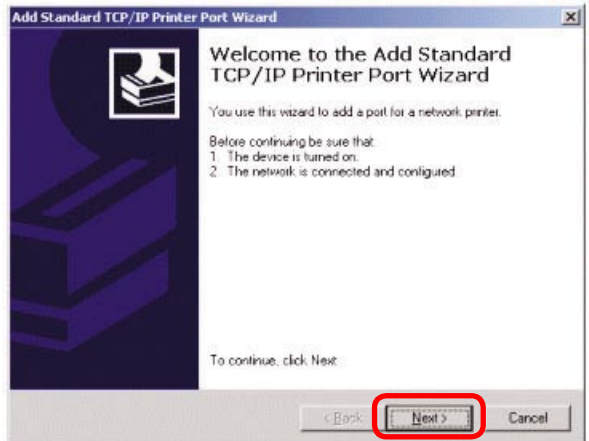
Deselect **Automatically detect and install my Plug and Play printer.**

Click **Next**

Select **Create a new port.** At the pull-down menu, highlight **Standard TCP/IP Port.**



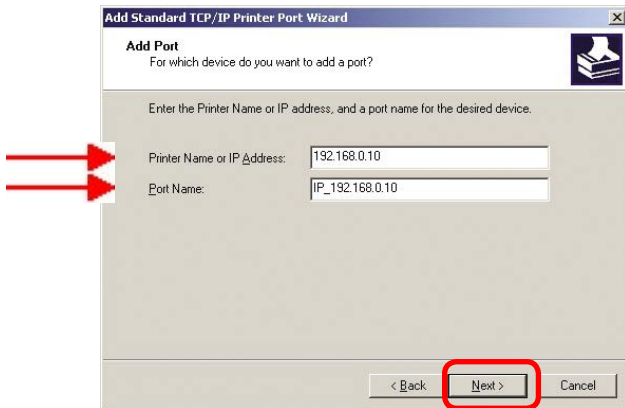
Click **Next**



Click **Next**

TCP/IP Printing for Windows XP (continued)

Type in the IP address of the Print Server (i.e. 192.168.0.10). The **Port Name** will automatically be filled in.



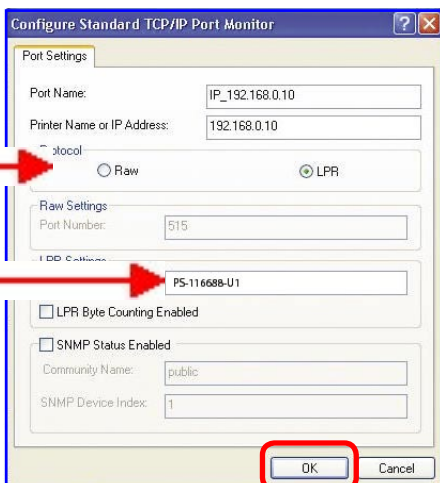
Select **Custom**
Then click **Settings**



Select **LPR**



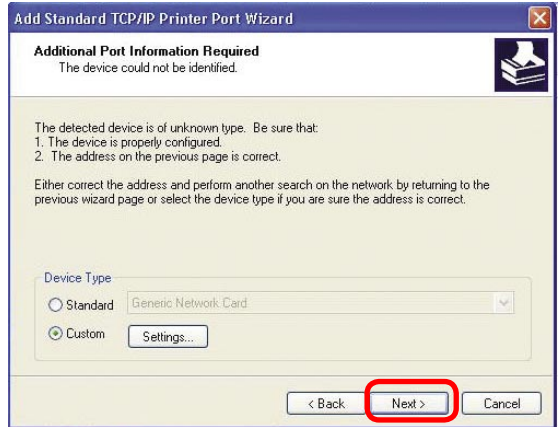
Input the Port Name of the port being used by the printer.



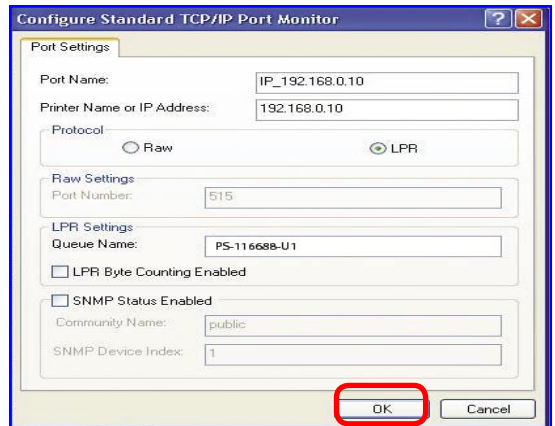
Click **OK**

TCP/IP Printing for Windows XP (continued)

Click **Next**

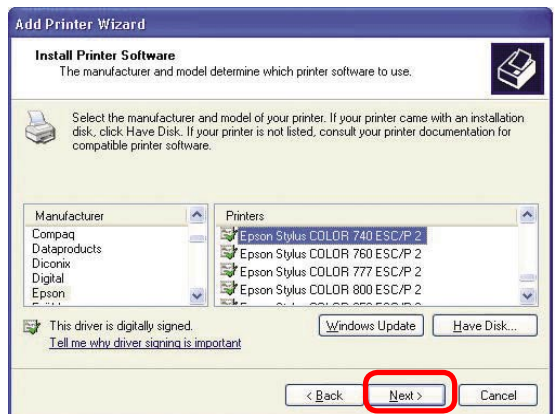


Click **Finish**



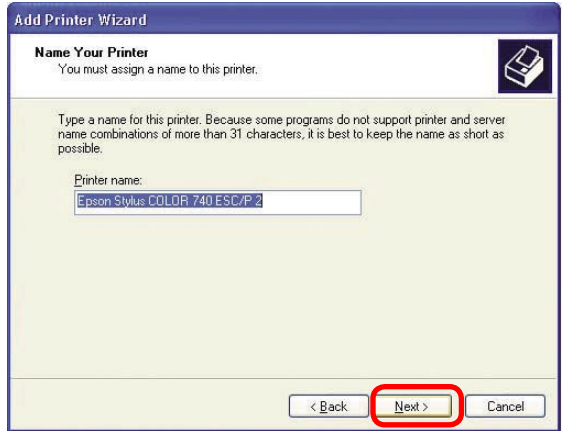
Highlight the printer, as shown. If the desired printer is not on the list, click **Have Disk** and insert the printer driver disk that came with your printer to install the printer drivers.

Click **Next**

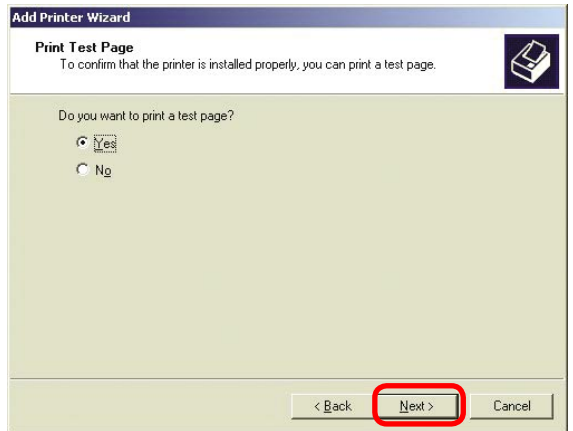


TCP/IP Printing for Windows XP (continued)

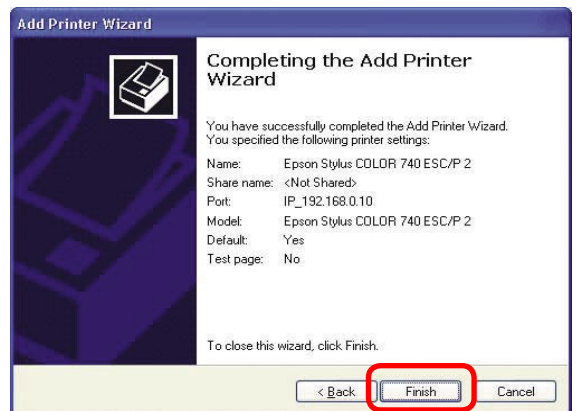
At this screen, you can input a name for the printer.



Click **Next**



Click **Next**



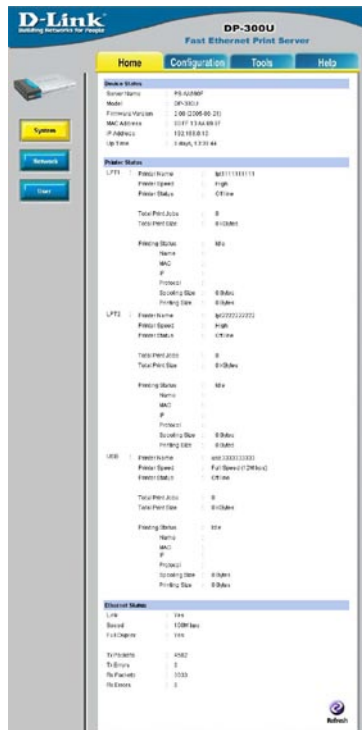
Click **Finish**

TCP/IP Printing for Windows 2000

Open the web browser, and type in the IP Address of the DP-300U.
For example, type <http://192.168.0.10> into the **Location** or **Address** field. Press the **Enter** or (**Return**) Key.

Note:

The PC's IP Address must be in the same subnet as the Print Server's IP Address for the two devices to communicate. (For example, if your Print Server's IP Address is 192.168.0.10, with a subnet mask of 255.255.255.0, then your computer's IP Address should be 192.168.0.x, where x is a value between 1-254, excluding 10.)



TCP/IP Printing for Windows 2000 (continued)

At the **Configuration** window, write down the **Port Names** for future reference. You will need this information later in the configuration process.



D-Link
Building Networks for People

DP-300U
Fast Ethernet Print Server

Home Configuration Tools Help

System Device

Server Name : PS-AA690F
Location :
Admin Contact :
Password : New Password :
Confirm Again :

Port Setting

LPT1 : Port Name : lpt111111111
Description : 1234567890aaaaaaaa1234567890aaaaaaaa
Speed : High
P.J.L Printer : Yes

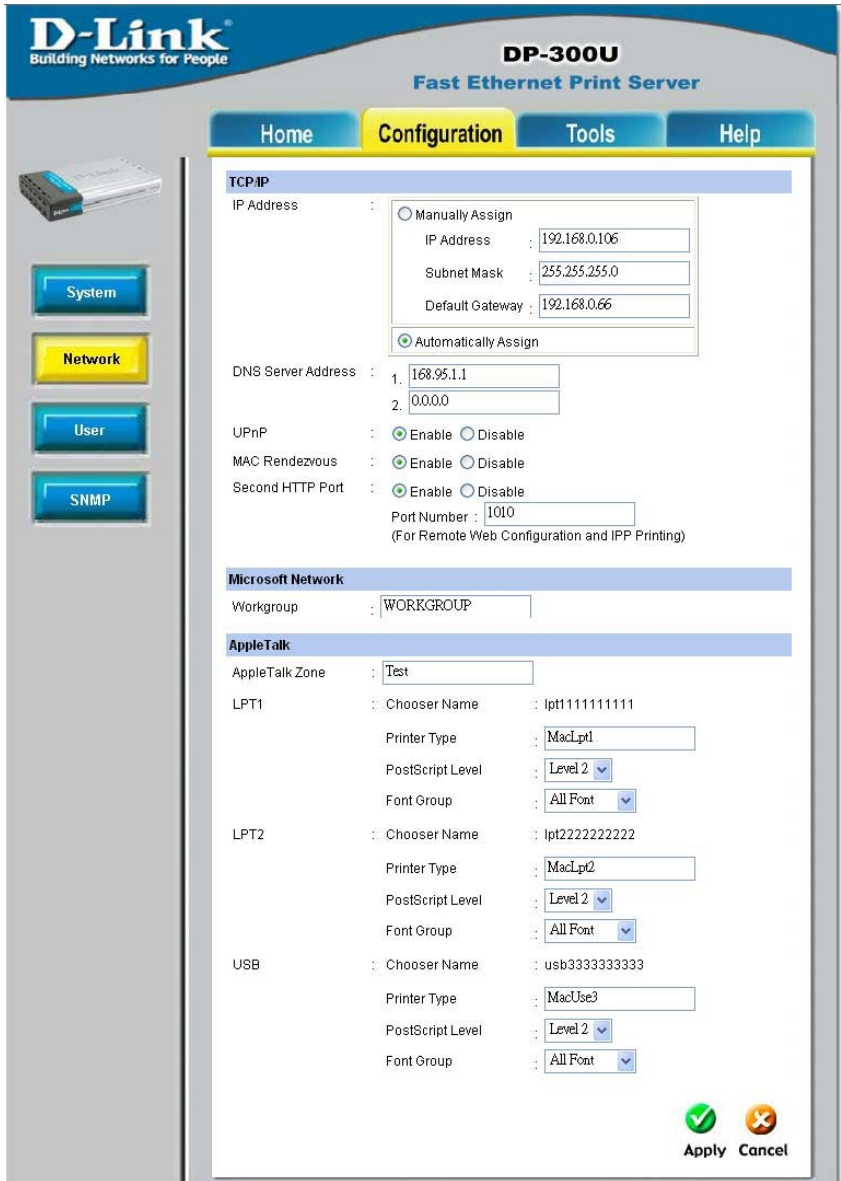
LPT2 : Port Name : lpt222222222
Description : 1234567890aaaaaaaa1234567890aaaaaaaa
Speed : High
P.J.L Printer : Yes

USB : Port Name : usb333333333
Description : 1234567890aaaaaaaa1234567890aaaaaaaa
P.J.L Printer : Yes

Apply Cancel

TCP/IP Printing for Windows 2000 (continued)

When you select **TCP/IP Protocol** at the **Network** window, the screen below appears. (We recommend that you keep the default settings as shown.) If you need to make changes, make sure to click **Apply** after you have made the changes. (You may wish to make a note of the IP Address.)



D-Link
Building Networks for People

DP-300U
Fast Ethernet Print Server

Home Configuration Tools Help

TCP/IP

IP Address : Manually Assign
IP Address : 192.168.0.106
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.0.66
 Automatically Assign

DNS Server Address : 1. 168.95.1.1
2. 0.0.0.0

UPnP : Enable Disable

MAC Rendezvous : Enable Disable

Second HTTP Port : Enable Disable
Port Number : 1010
(For Remote Web Configuration and IPP Printing)

Microsoft Network

Workgroup : WORKGROUP

AppleTalk

AppleTalk Zone : Test

LPT1 : Chooser Name : lpt1111111111
Printer Type : MacLpt1
PostScript Level : Level 2
Font Group : All Font

LPT2 : Chooser Name : lpt2222222222
Printer Type : MacLpt2
PostScript Level : Level 2
Font Group : All Font

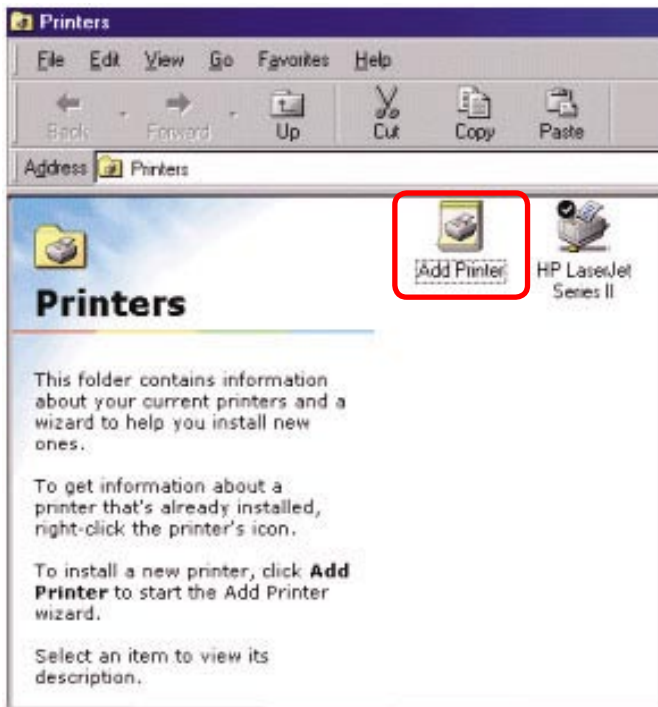
USB : Chooser Name : usb3333333333
Printer Type : MacUse3
PostScript Level : Level 2
Font Group : All Font

Apply Cancel

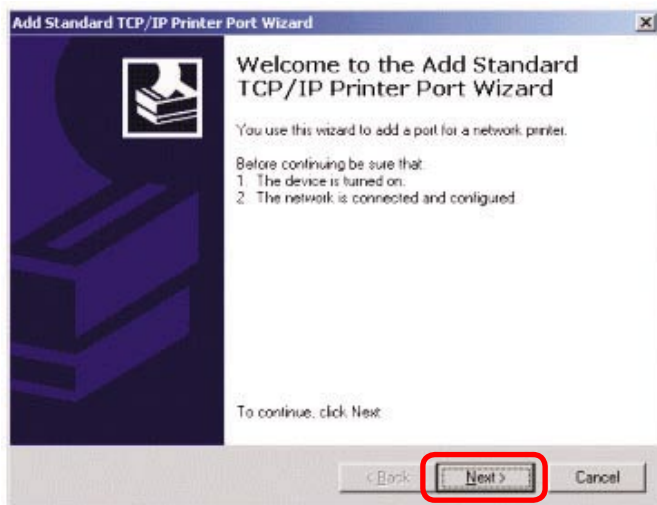
TCP/IP Printing for Windows 2000 (continued)

Go to **Start > Settings > Printers**

Double-click on the **Add Printer** icon.

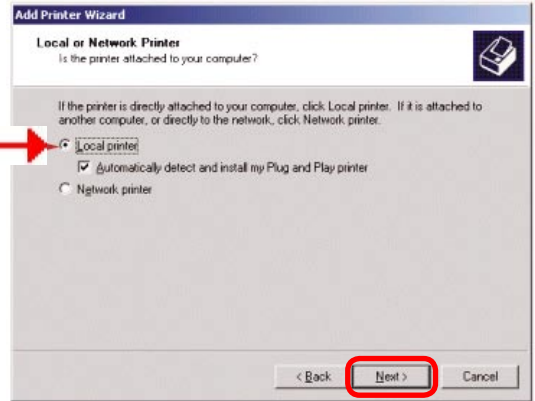


Click **Next**

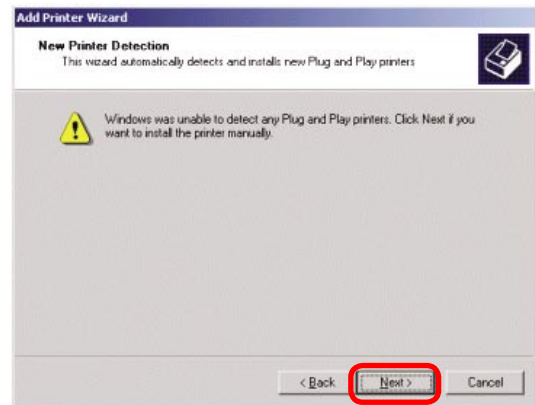


TCP/IP Printing for Windows 2000 (continued)

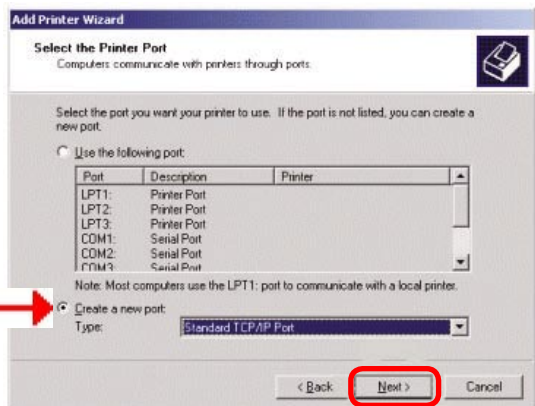
Select **Local Printer**



Click **Next**

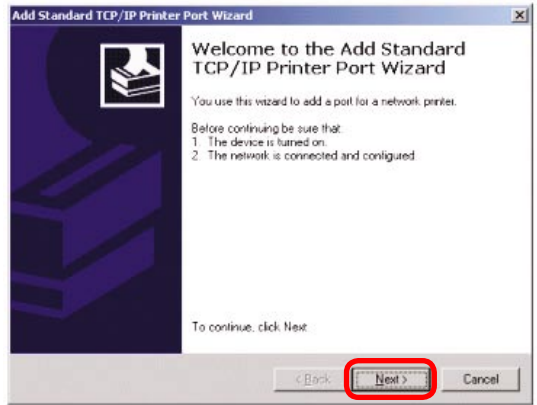


Select **Create a new port** at the pull-down menu, highlight **Standard TCP/IP Port**.



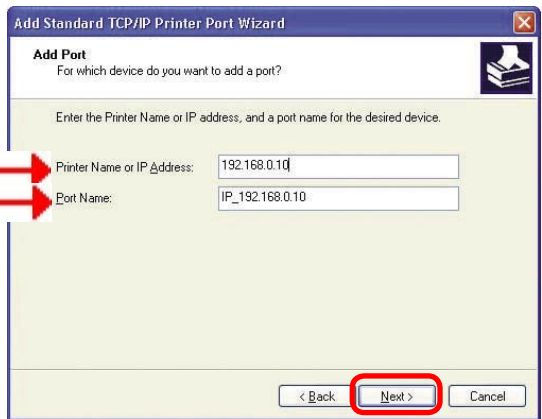
Click **Next**

TCP/IP Printing for Windows 2000 (continued)



Click **Next**

Type in the IP address of the Print Server in the **Printer Name or IP Address** field. The **Port Name** field will automatically be filled in.



Click **Next**

Select **“Custom”**
Then click on **Settings**.

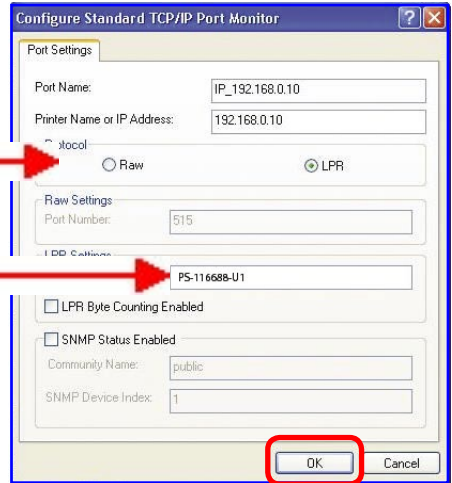


TCP/IP Printing for Windows 2000 (continued)

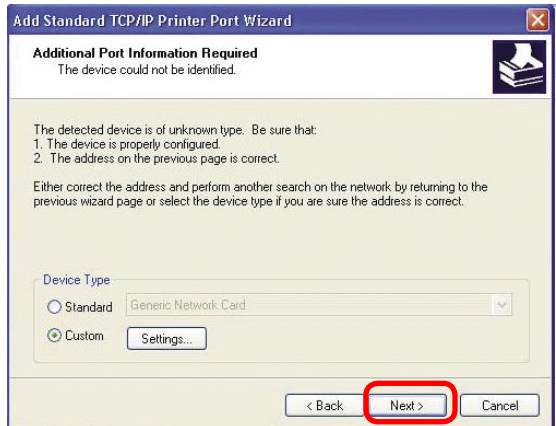
Select **LPR**

Input the Port Name of the port being used by the printer.

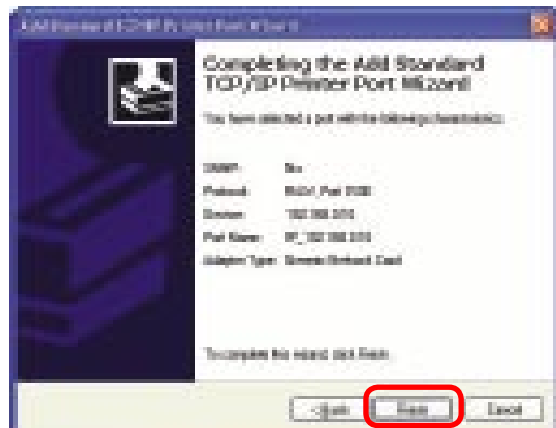
Click **OK**



Click **Next**

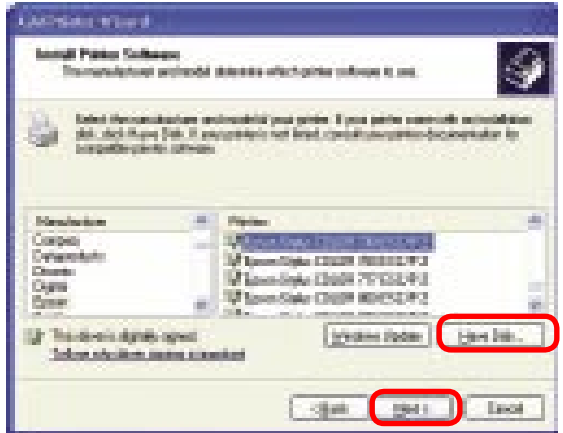


Click **Finish**



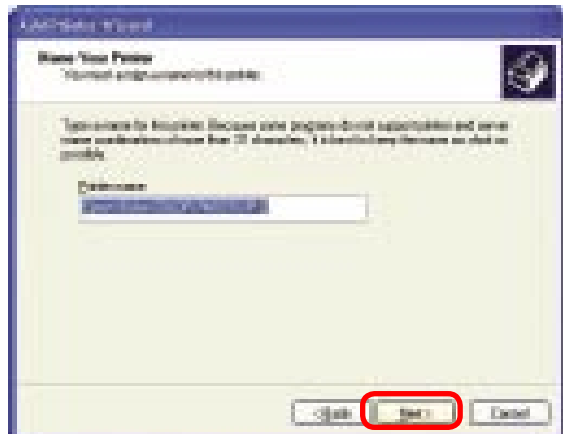
TCP/IP Printing for Windows 2000 (continued)

Highlight the printer, as shown. If the desired printer is not on the list, click **Have Disk** and insert the printer driver disk that came with your printer to install the printer drivers.



Click **Next**

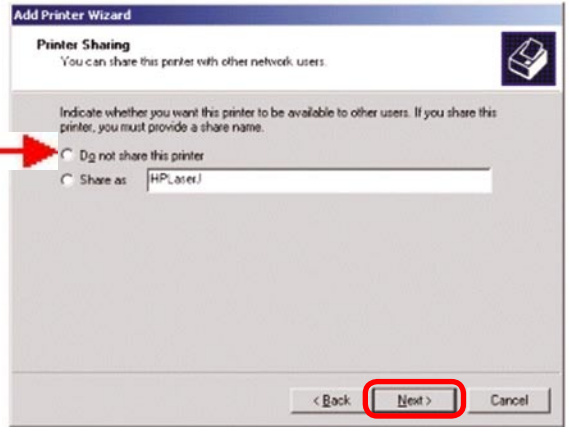
At this screen, you can input a name for the printer.



Click **Next**

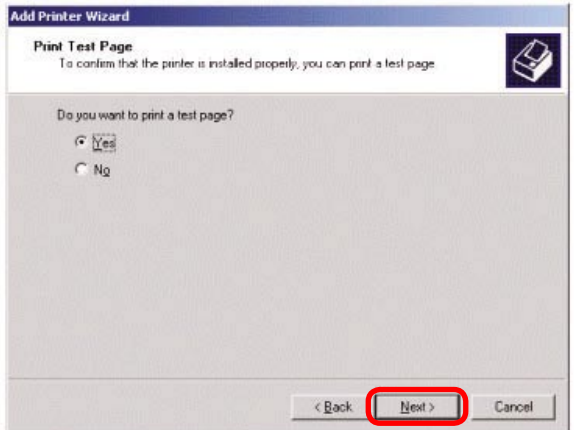
TCP/IP Printing for Windows 2000 (continued)

Select **Do not share this printer**

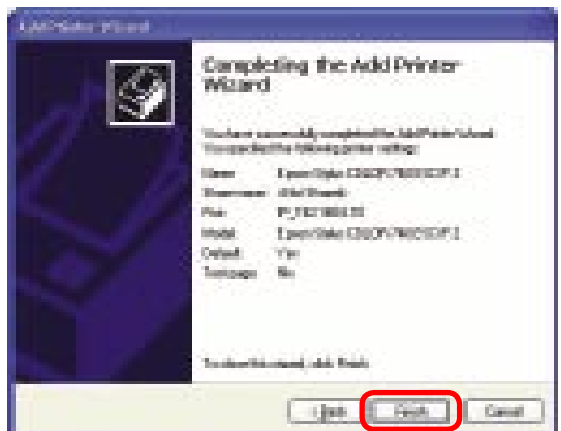


Click **Next**

Select **Yes** to print a test page



Click **Next**



Click **Finish**

The printer is now ready for printing with Windows 2000 on your network.

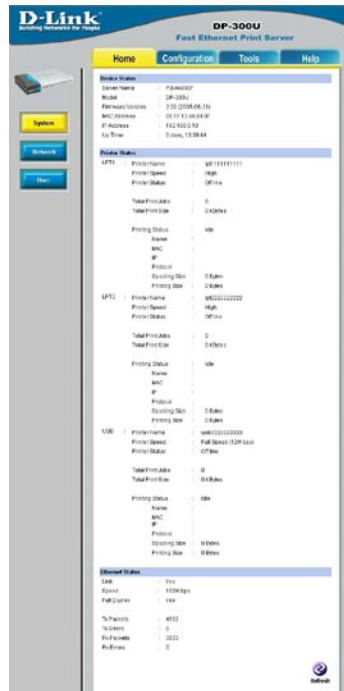
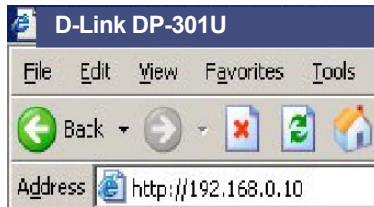
TPC/IP Printing For Windows 98SE/ME

Open the web browser, and type in the IP Address of the DP-300U.

For example, type <http://192.168.0.10> into the **Location** or **Address** field. Press the **Enter** or (**Return**) Key.

Note:

The PC's IP Address must be in the same subnet as the Print Server's IP Address for the two devices to communicate. (For example, if your Print Server's IP Address is 192.168.0.10, with a subnet mask of 255.255.255.0, then your computer's IP Address should be 192.168.0.x, where x is a value between 1-254, excluding 10.)



TCP/IP Printing for Windows 98SE/ME

(continued)

At the **Configuration** window, write down the **Port Name** for future reference. You will need this information later in the configuration process. The **Port Name** shown here is only an example.

D-Link
Building Networks for People

DP-300U
Fast Ethernet Print Server

Home Configuration Tools Help

System Device

Server Name : PS-AA690F

Location :

Admin Contact :

Password : New Password :

Confirm Again :

Port Setting

LPT1 : Port Name : lpt1111111111

Description : 1234567890aaaaaaaa1234567890aaaaaaaa

Speed : High

P/L Printer : Yes

LPT2 : Port Name : lpt2222222222

Description : 1234567890aaaaaaaa1234567890aaaaaaaa

Speed : High

P/L Printer : Yes

USB : Port Name : usb3333333333

Description : 1234567890aaaaaaaa1234567890aaaaaaaa

P/L Printer : Yes

Apply Cancel

TCP/IP Printing for Windows 98SE/ME

(continued)

When you select **TCP/IP Protocol** at the **Network** window, the screen below appears. (We recommend that you keep the default settings as shown.) If you need to make changes, make sure to click **Apply** after you have made the changes. (You may wish to make a note of the IP Address.)

D-Link
Building Networks for People

DP-300U
Fast Ethernet Print Server

Home Configuration Tools Help

TCP/IP

IP Address : Manually Assign
IP Address : 192.168.0.106
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.0.66
 Automatically Assign

DNS Server Address : 1. 168.95.1.1
2. 0.0.0.0

UPnP : Enable Disable

MAC Rendezvous : Enable Disable

Second HTTP Port : Enable Disable
Port Number : 1010
(For Remote Web Configuration and IPP Printing)

Microsoft Network

Workgroup : WORKGROUP

AppleTalk

AppleTalk Zone : Test

LPT1 : Chooser Name : lpt1111111111
Printer Type : MacLpt1
PostScript Level : Level 2
Font Group : All Font

LPT2 : Chooser Name : lpt2222222222
Printer Type : MacLpt2
PostScript Level : Level 2
Font Group : All Font

USB : Chooser Name : usb3333333333
Printer Type : MacUse3
PostScript Level : Level 2
Font Group : All Font

Apply Cancel

TCP/IP Printing for Windows 98SE/ME

(continued)

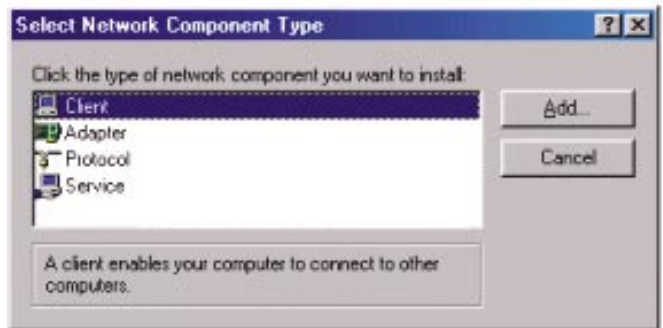
Go to **Start > Settings > Control Panel**
Double-click on **Network**



Click **Add**

Highlight **Client**

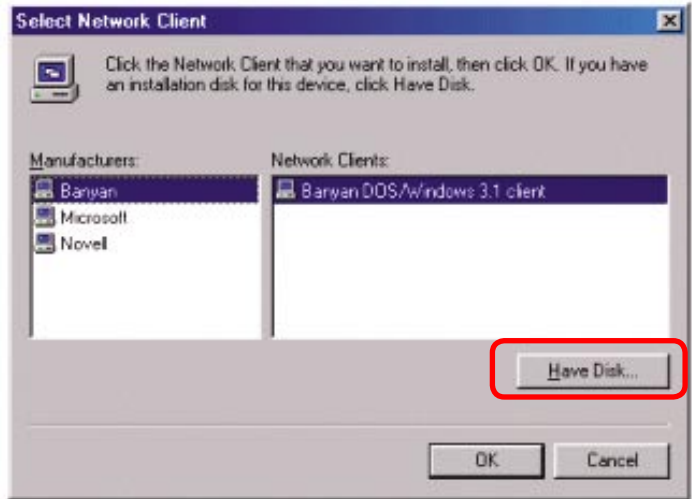
Click **Add**



TCP/IP Printing for Windows 98SE/ME

(continued)

At this window, click **Have Disk**.

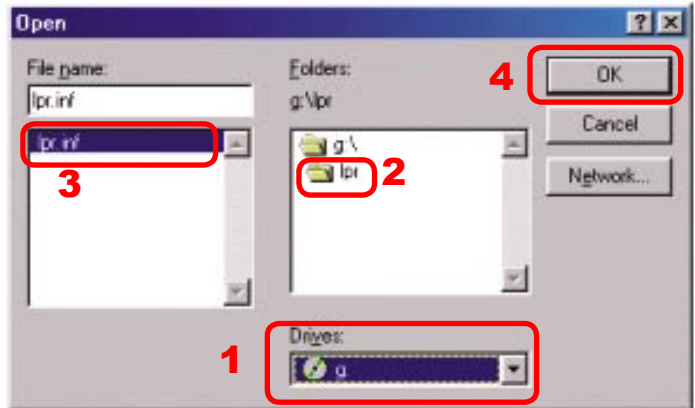


1. Insert the DP-301U CD-ROM into your CD-ROM drive.
Select the letter representing the CD-ROM drive on your computer from the pull-down menu.

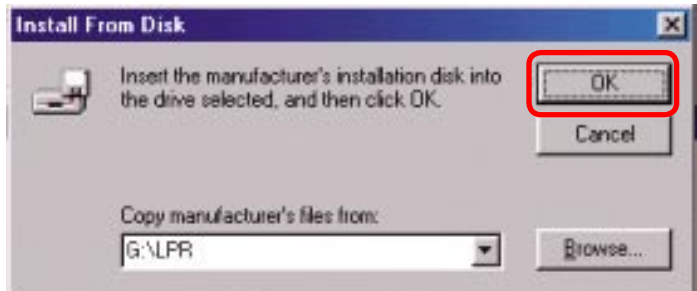
2. Double-click on the folder **lpr**.

3. Highlight **lpr.inf**

4. Click **OK**



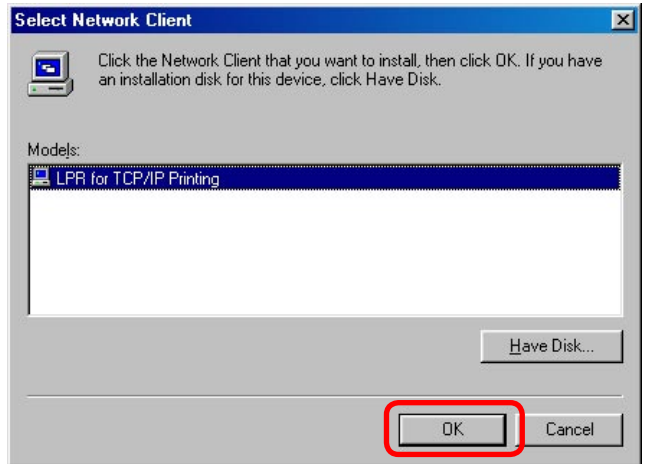
Click **OK** to accept the location of the file.



TCP/IP Printing for Windows 98SE/Me

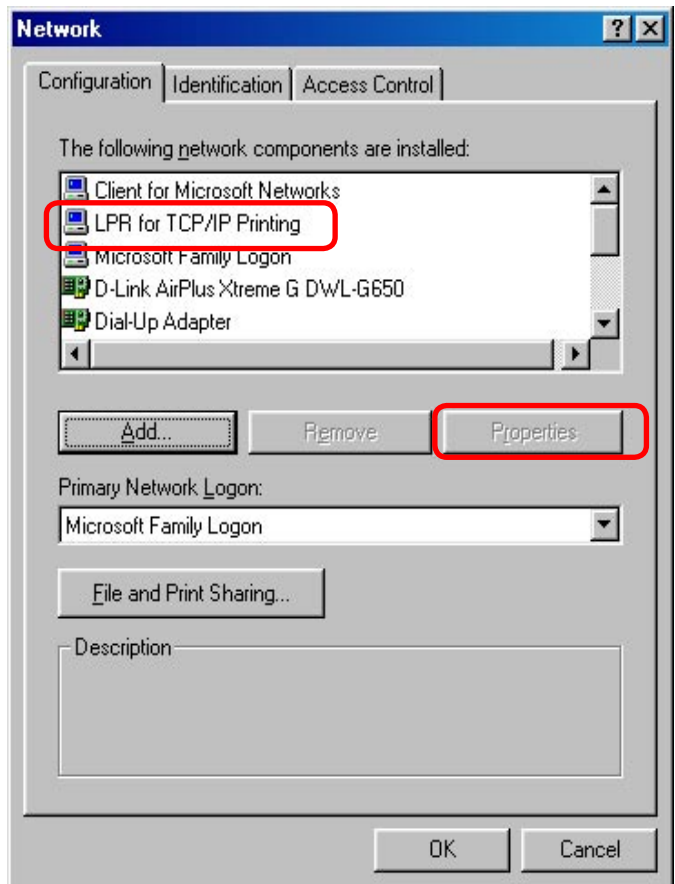
(continued)

Click **OK**



You should now be back to the **Network Properties** Page. Highlight **LPR for TCP/IP Printing**.

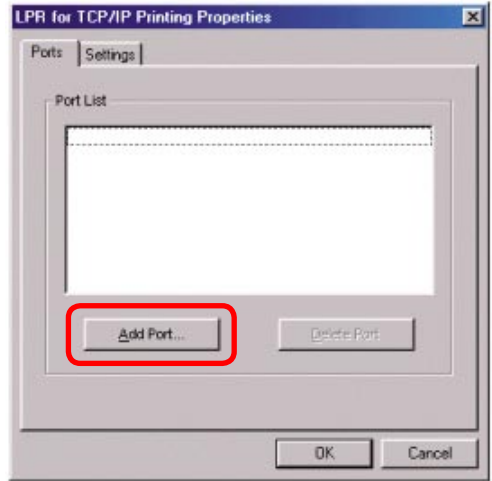
Click **Properties**



TCP/IP Printing for Windows 98SE/ME

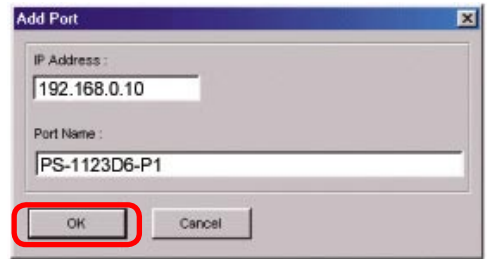
(continued)

Click **Add Port**



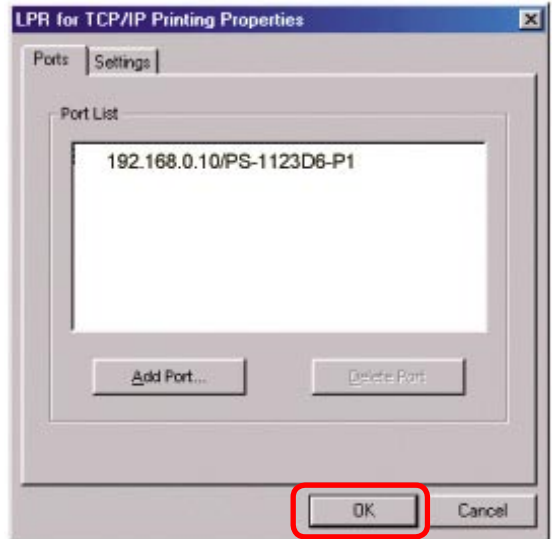
Type in the IP Address of the DP-301U. Make sure the **Port Name** is accurate. (The **Port Name** at right is just an example.)

Click **OK**



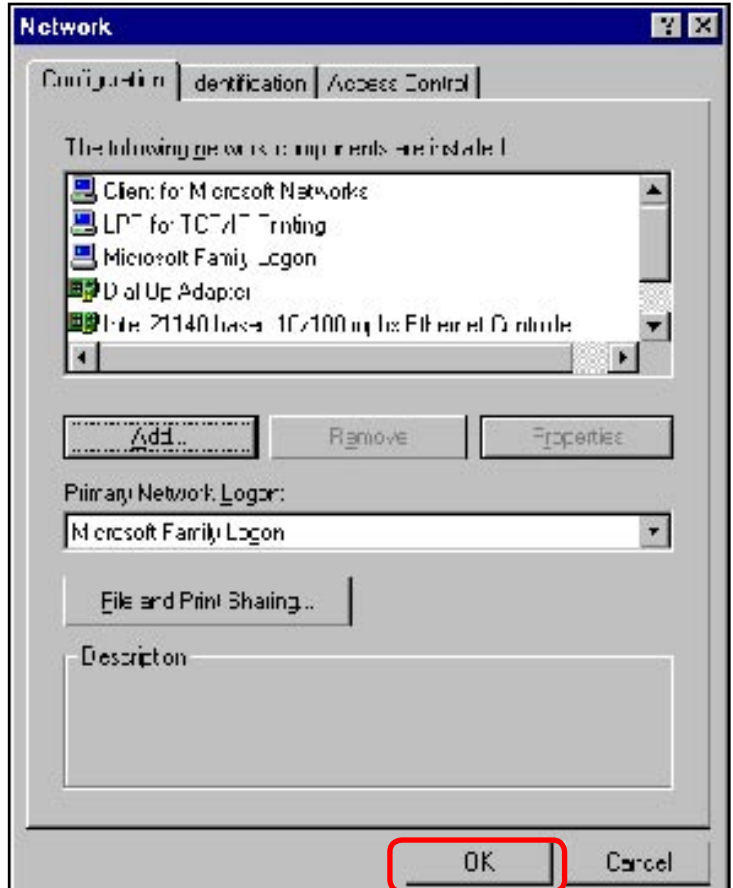
The **Port name** and IP Address will be displayed. (The **Port Name** at right is just an example.)

Click **OK**

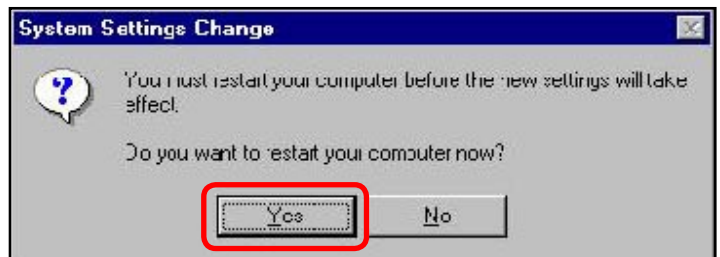


TCP/IP Printing for Windows 98SE/ME

(continued)



Click **OK**



Windows will ask for a restart.

Click **Yes**

TCP/IP Printing for Windows 98SE/ME

(continued)

Once your computer has rebooted, click on **Start > Settings > Printers > Add Printer**



When the *Add Printer Wizard* screen appears, Click **Next**.

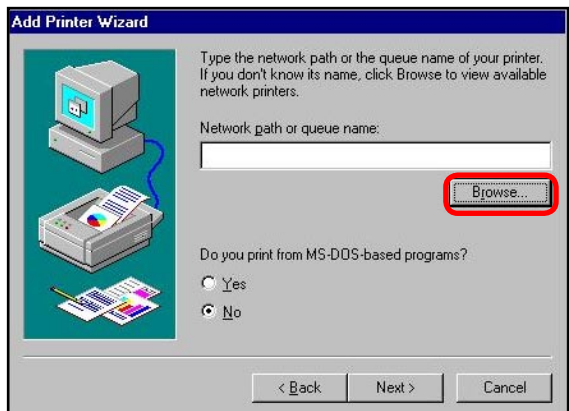


Select *Network Printer*.



Click **Next**

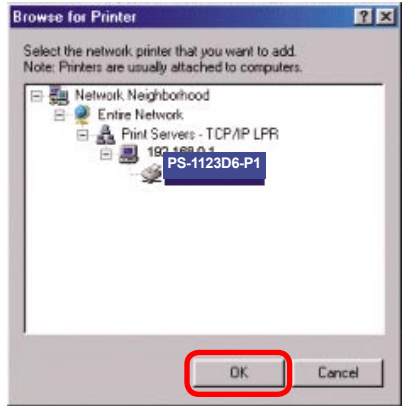
Type in the path if you know it, or Click **Browse**.



TCP/IP Printing for Windows 98SE/ME

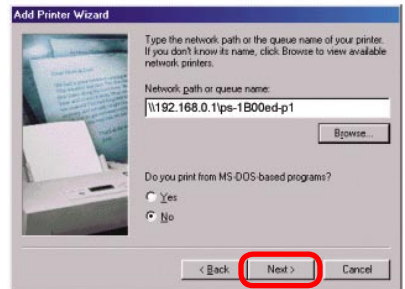
(continued)

At the next screen, browse for the printer port. Highlight the port as shown. (The **Port Name** in this window is just an example.)



Click **OK**

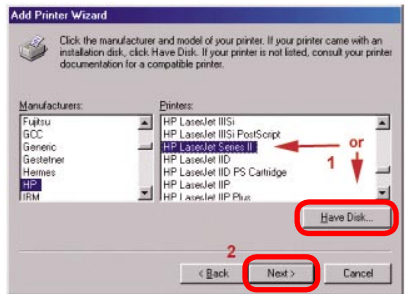
If the network path is not specified, type in the IP Address of the DP-301U and the **Port Name**. (The **Port Name** shown at right is just an example.)



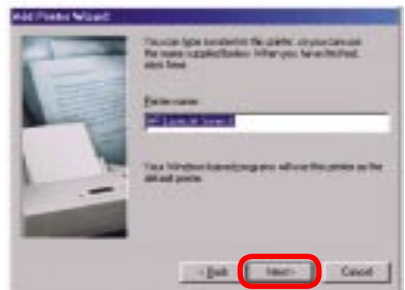
Select **Yes** or **No**, to answer the question: *Do you print from MS-DOS based programs?*

Click **Next**

Highlight the printer, as shown. If the desired printer is not on the list, click **Have Disk** and insert the printer driver disk that came with your printer to install the printer drivers.



Click **Next**

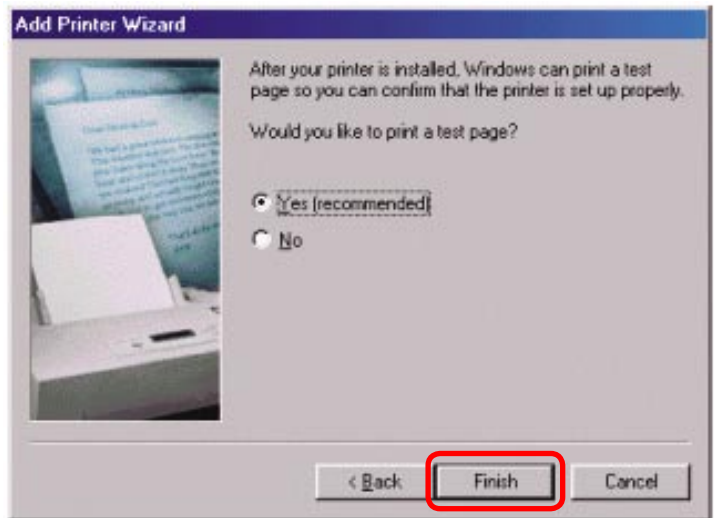


Click **Next**

TCP/IP Printing for Windows 98SE/ME

(continued)

Select **Yes** to print a test page.



Click **Finish**

Go to **Start > Settings > Printers**
Check to see that your printer is installed.



Unix/Linux Printing

Please refer to the *PS Admin Manual* on the CD included with your purchase for information on setting up the Print Server in Unix/Linux.

Setting up Apple Talk or LPR Printing in Mac OS X

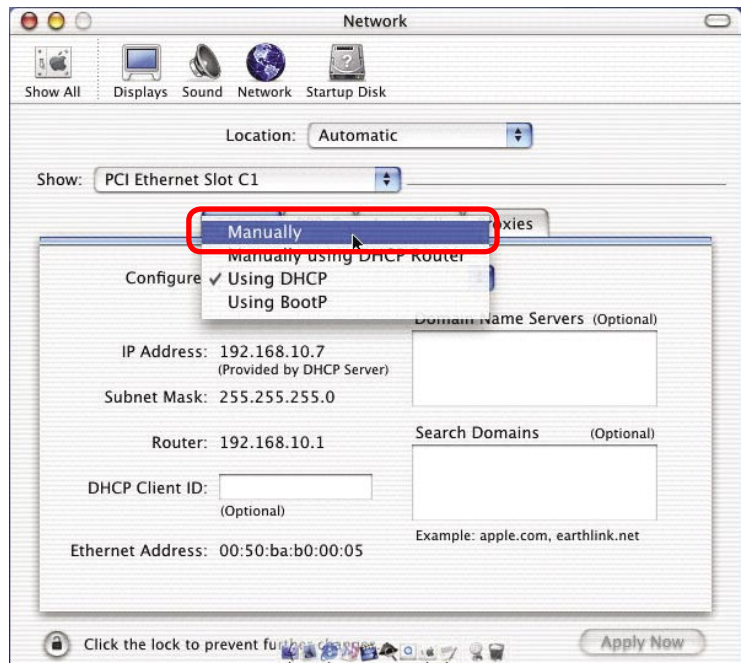
Note: Mac OS printing is supported by Postscript printers only!

With Mac OS X you can use AppleTalk or LPR printers using IP protocols for printing through Print Servers. Follow the instructions below for setting up the Print Server. After attaching the Print Server to your network using the directions provided in the *Quick Installation Guide*, change the IP Address of your Macintosh to access the Print Server's web configuration.

Open your **System Preferences** window and Click **Network**.

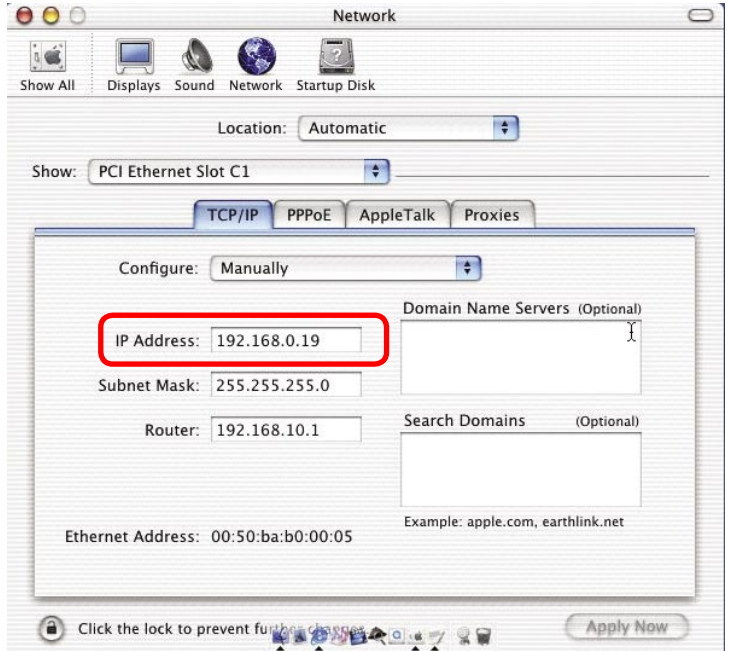


At the **Configure** pull-down menu, select **Manually**

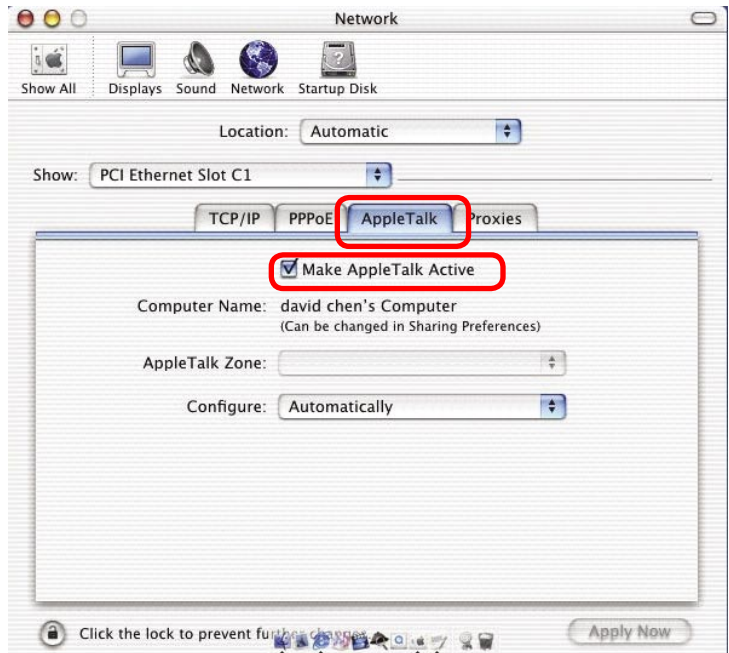


Setting up Apple Talk or LPR Printing in Mac OS X (continued)

The default IP Address of the Print Server is 192.168.0.10. Manually change your IP Address to 192.168.0.x, where x is any number between 1 and 254 (except 10 which is the IP Address of the Print Server.) The IP Addresses and Subnet Mask shown here are examples only.

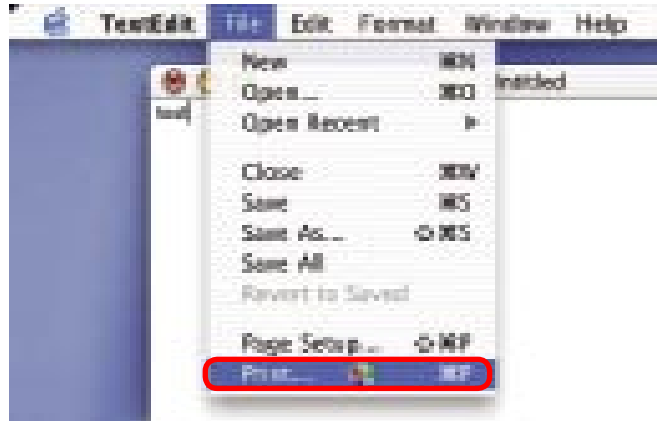


Select the **AppleTalk** tab in this window and check **Make AppleTalk Active**.

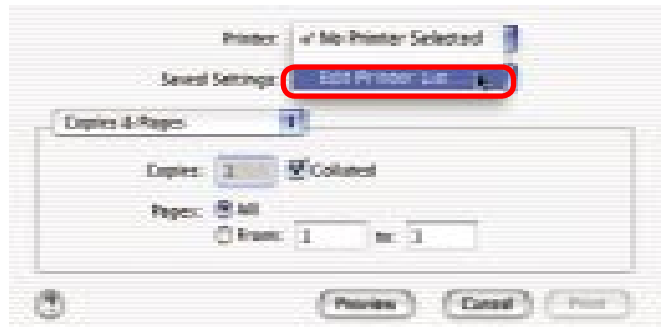


Setting up Apple Talk or LPR Printing in Mac OS X (continued)

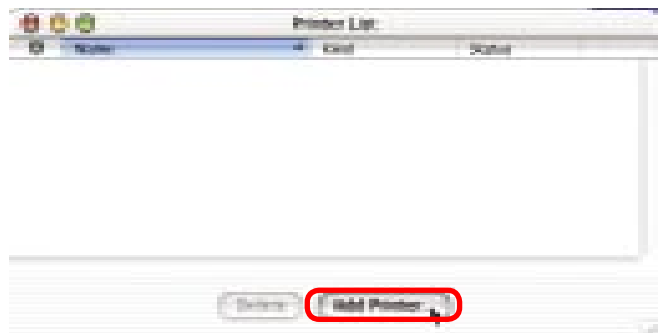
To print, open a document and select **File > Print** from the menu.



Select **Edit Printer List** from the **Printer** dialog box.

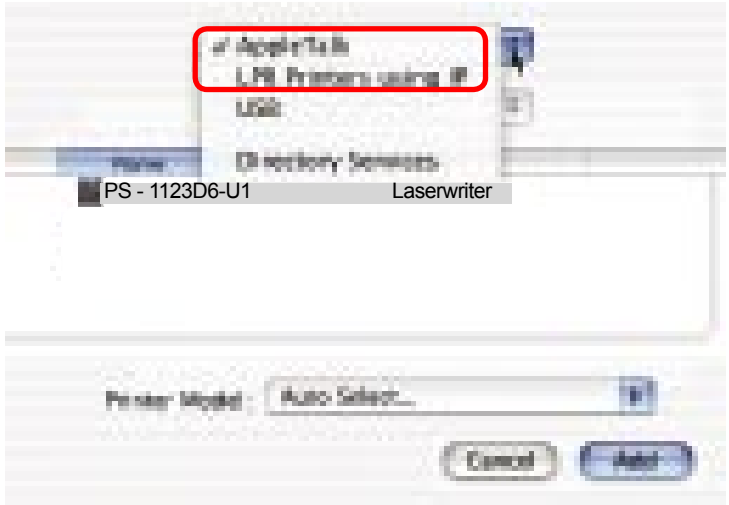


Click **Add Printer**

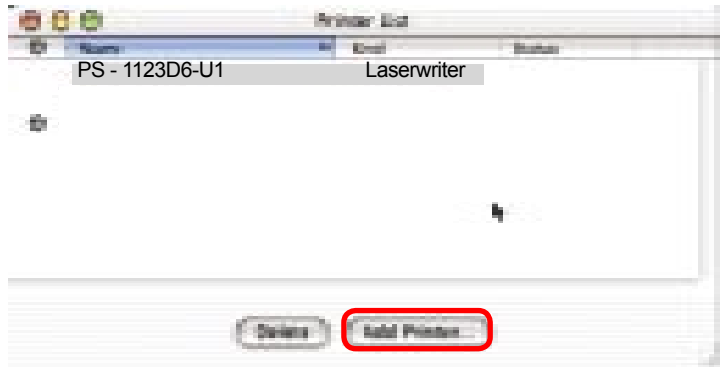


Setting up Apple Talk or LPR Printing in Mac OS X (continued)

Select the printing protocol preferred, **AppleTalk** or **LPR Printers using IP**. In this example, **AppleTalk** has been selected.



AppleTalk protocol:
After selecting **AppleTalk** the **Port Name** of the Print Server will be displayed. The **Port Name** shown here is an example only.



Click on the Port to which the post-script printer is connected.

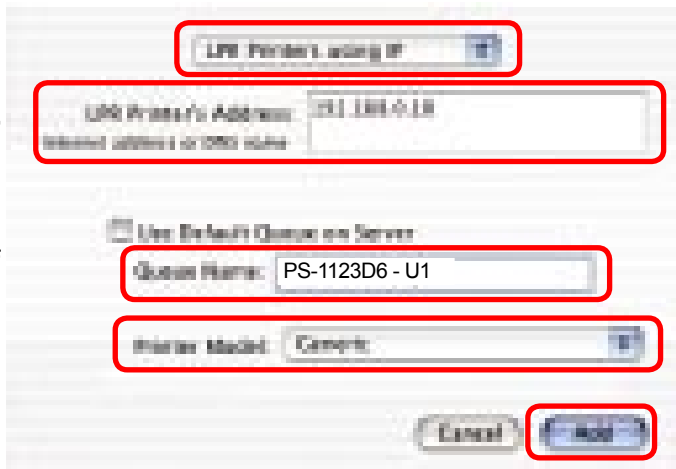
Then select the printer model from the dialog box displayed here. Click **Add Printer** and the Printer Port configuration is complete. Select the Printer Port just configured in the Print window. Click **Print** to print your document.

Setting up Apple Talk or LPR Printing in Mac OS X (continued)

LPR Printers using IP protocol:

When you select **LPR Printers using IP Protocol**, this window will appear.

Type the IP Address of the Print Server into the **LPR Printer's Address** field.



In the **Queue Name** field, type in the **Port Name** of the post-script printer that is connected to the Print Server. The **Port Name** illustrated here is only an example. Select the printer model from the dialog box.

In the **Queue Name** field, type in the **Port Name** of the post-script printer that is connected to the Print Server. The **Port Name** illustrated here is only an example.

Select the printer model from the dialog box.

Click **Add** and the process is complete.

Close all Print Center windows, select the Printer Port that was just selected.

Click **Print** to print the document. Click **Add** and the process is complete.

Setting up Apple Talk Printing in Mac OS 9

Note: Mac OS printing is supported for Postscript printers only!

The AppleTalk network protocol is used with computers using the MacOS operating system. It can be used for network communications over standard Ethernet or Fast Ethernet using the EtherTalk transport, or over a proprietary low-speed LocalTalk transport.

Your Print Server can be used for network printing to PostScript printers. You can print from any MacOS computer connected to your Ethernet network, either directly using an EtherTalk connection, or indirectly through a LocalTalk-to-EtherTalk router.

NOTE: *The Chooser name of a printer connected to one of the Print Server's ports is the same as its **Port Name**. If you are using AppleTalk printing, you will need to make sure that every **Port Name** is unique among all of the network printers in*

Setting up the Print Server for AppleTalk Printing

To set up your Print Server so that it can be used for AppleTalk printing:

- Make sure the AppleTalk protocol is enabled in your Macintosh.
- Change the IP Address on one of the computers on your network to 192.168.0.x, where **x** is any number between 11-254.
- Type 192.168.0.10 into the address field of your web browser. 192.168.0.10 is the default IP Address of the DP-301U.
- Select the Network tab and scroll to the bottom to the AppleTalk protocol section
- If your AppleTalk network is divided into AppleTalk *zones*, you will have to specify which zone the Print Server should be in. You should locate the Print Server in the same zone as most of the users who will be using it. If your network is not divided into zones, the AppleTalk Zone field should contain a single asterisk “*”.

Printing from MacOS Client Workstations

The exact procedure for selecting a PostScript printer connected to your Print Server may vary slightly, depending on what printer driver version you are using. The procedure described below assumes you are using the LaserWriter 8.

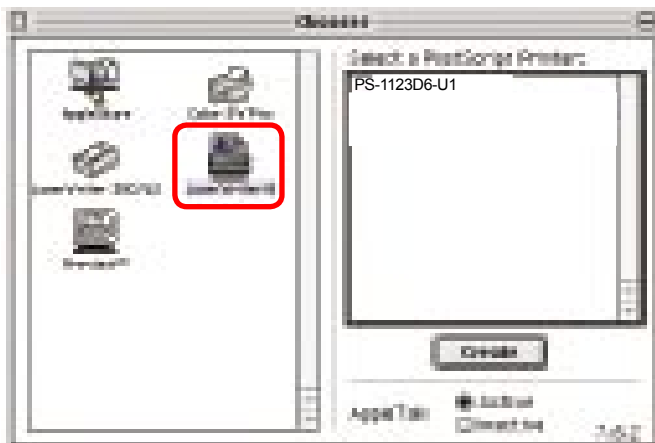
To choose a printer connected to your Print Server as your MacOS workstation's default printer,

Open the Chooser by selecting **Chooser** from the Apple menu.

Select the **LaserWriter 8** icon on the left. Make sure that AppleTalk is set to **Active**.

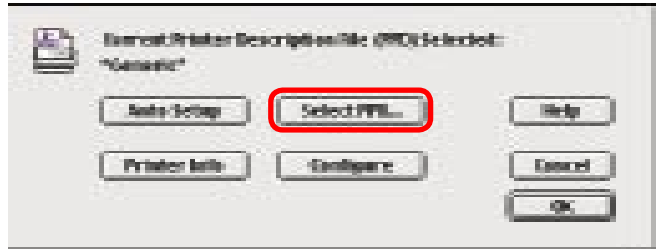
A list of all networked PostScript printers will be displayed:

Double-click the name of the **Printer Port** you wish to use. The **Printer Ports** shown are examples only.



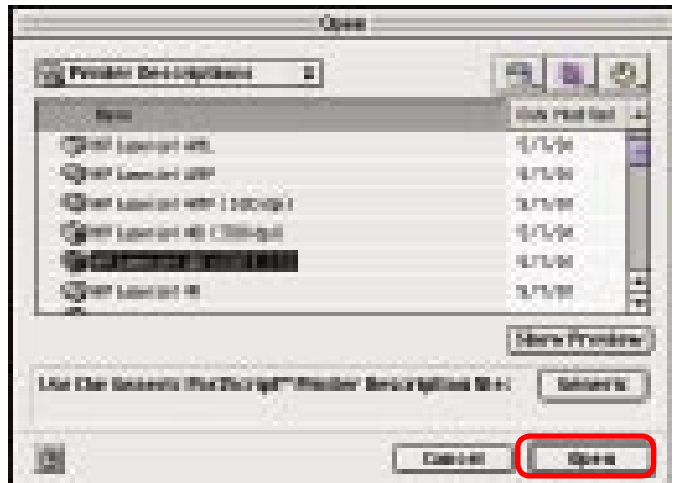
Printing from MacOS Client Workstations (continued)

If you have not previously set this printer as the default, your computer will prompt you for a PostScript Printer Description file. Choose **Select PPD.**



Select the appropriate printer description file for your printer.

Click **Open**.
(If your printer is not listed, click **Generic** to use a generic printer description.)



If you wish to access this setting in the future, you can use the **Setup** button in the Chooser window.

The selected printer will become your computer's default printer. You may need to choose **Page Setup** in any applications you have open.

Networking Basics

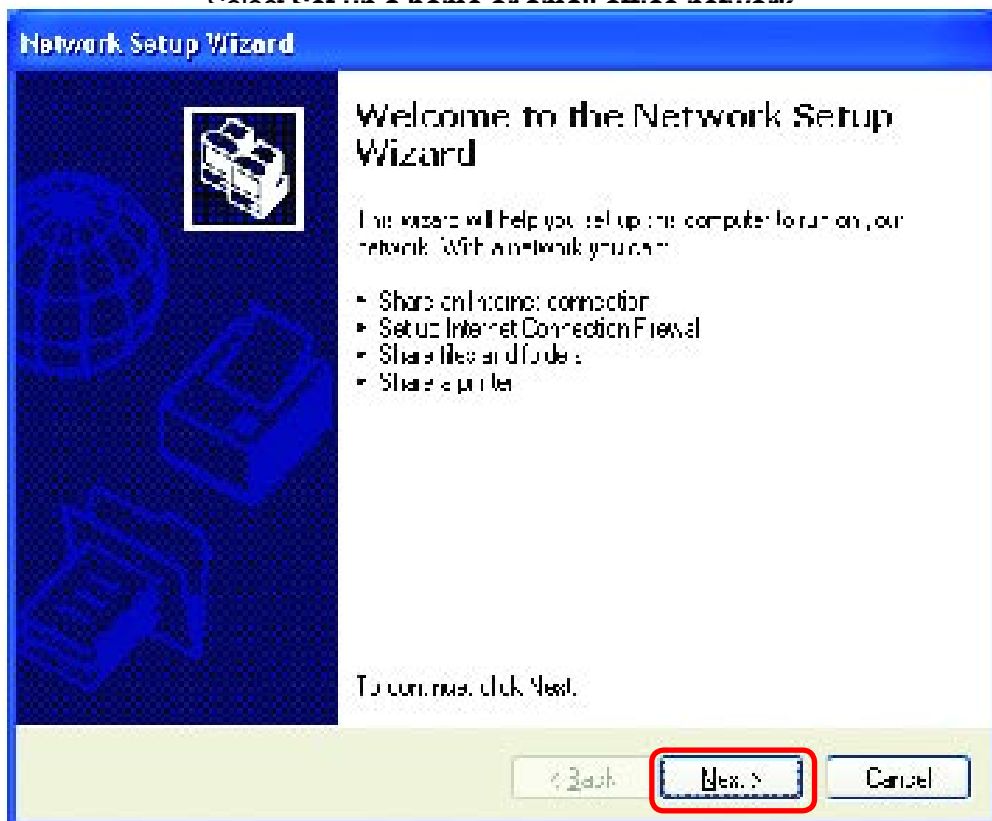
Using the Network Setup Wizard in Windows XP

In this section you will learn how to establish a network at home or work, using **Microsoft Windows XP**.

Note: Please refer to websites such as <http://www.homenethelp.com> and <http://www.microsoft.com/windows2000> for information about networking computers using Windows 2000, ME or 98SE.

Go to **Start>Control Panel>Network Connections**

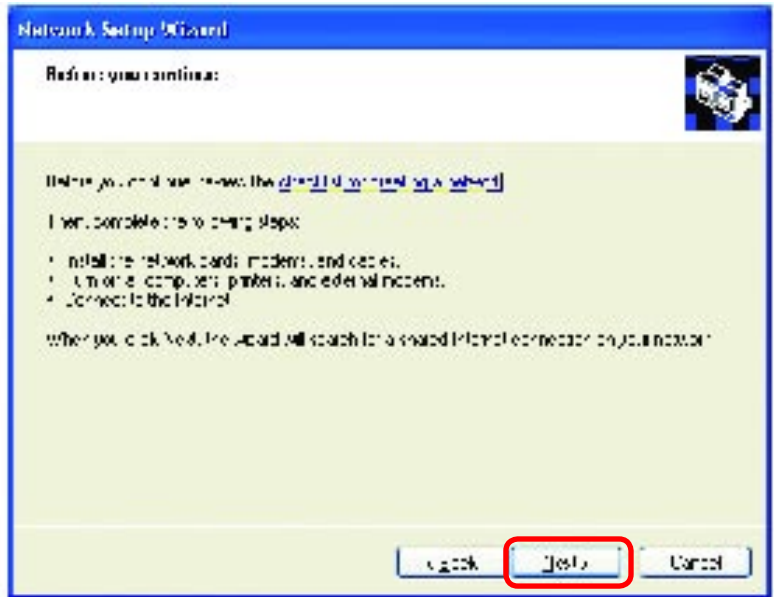
Select **Set up a home or small office network**



When this screen appears, Click **Next**

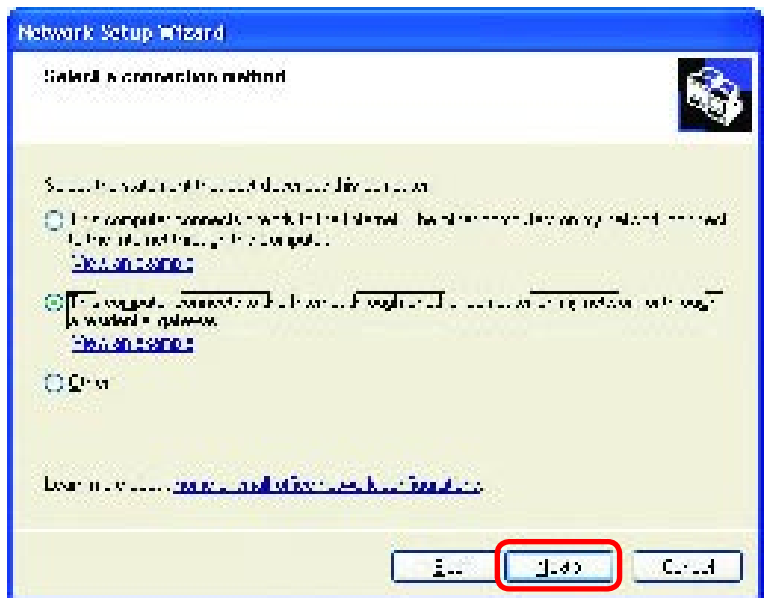
Networking Basics (continued)

Please follow all the instructions in this window:



Click **Next**

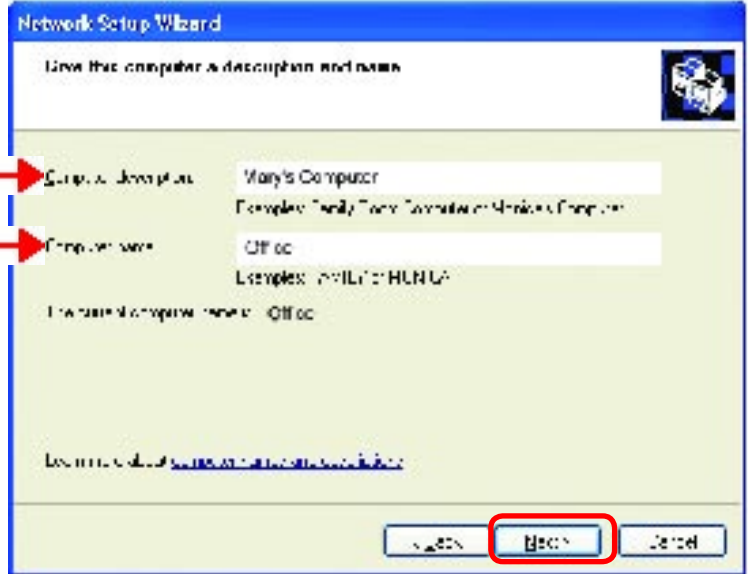
In this window, select the best description of your computer. If your computer connects to the internet through a gateway/router, select the second option as shown.



Click **Next**

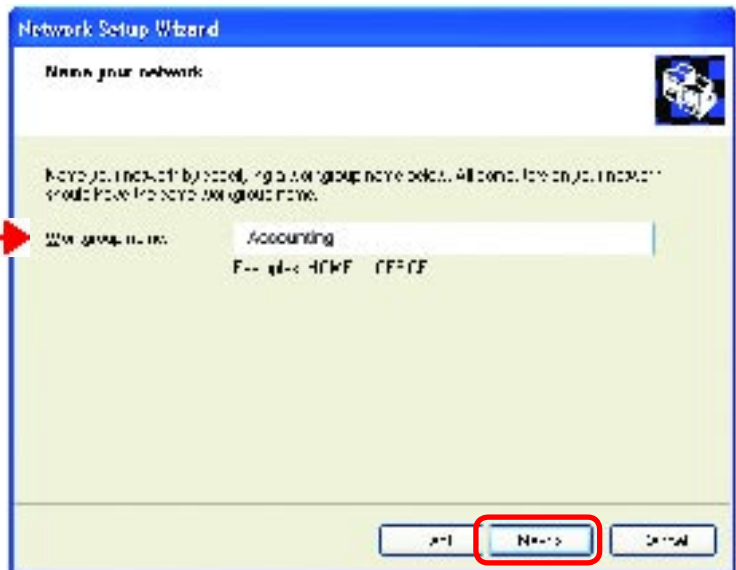
Networking Basics (continued)

Enter a **Computer description** and a **Computer name** (optional.)



Click **Next**

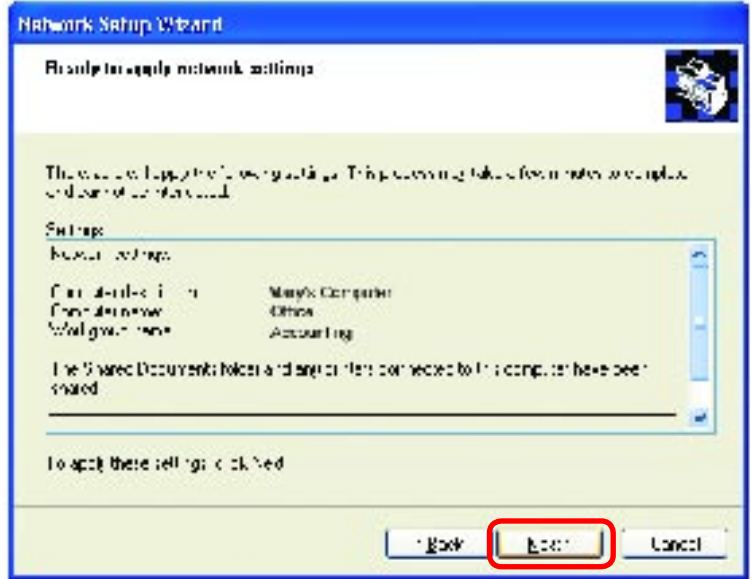
Enter a **Workgroup** name. All computers on your network should have the same **Workgroup** name.



Click **Next**

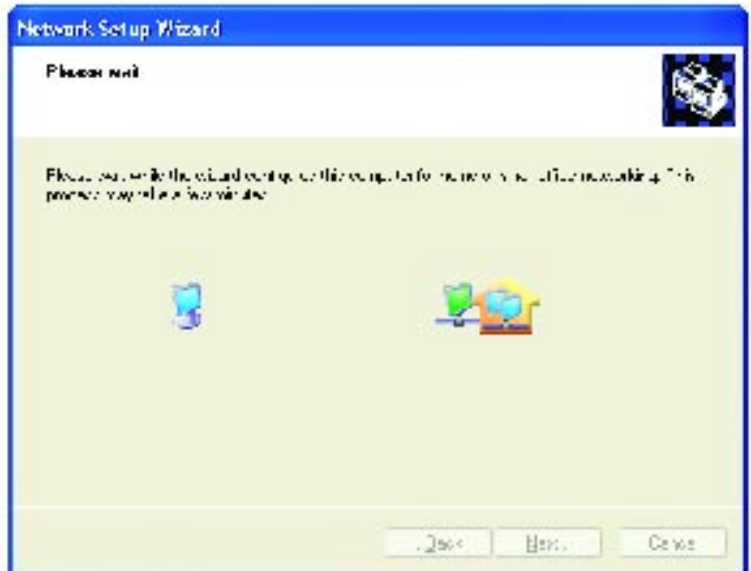
Networking Basics (continued)

Please wait while the **Network Setup Wizard** applies the changes.



When the changes are complete, Click **Next**.

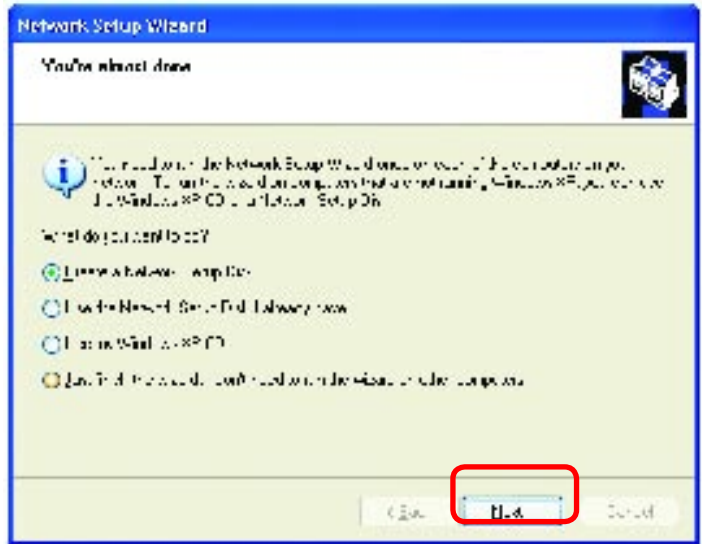
Please wait while the **Network Setup Wizard** configures the computer. This may take a few minutes.



Networking Basics (continued)

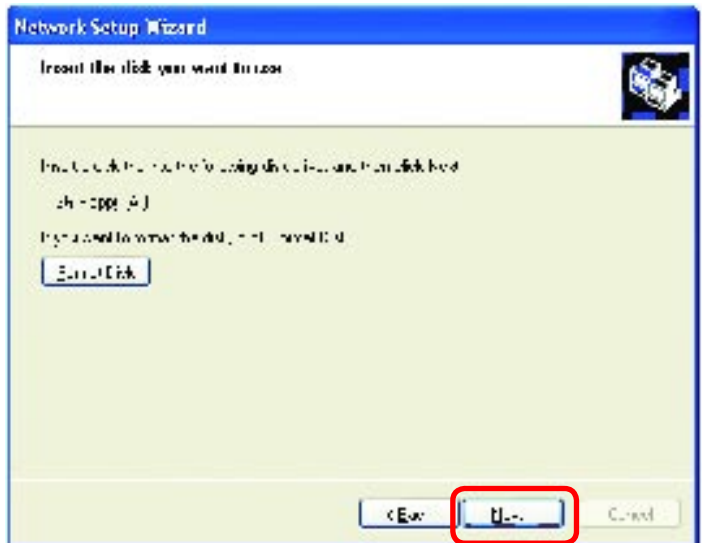
In this window, select the best option. In this example, **Create a Network Setup Disk** has been selected.

You will run this disk on each of the computers on your network.



Click **Next**

Insert a disk into the Floppy Disk Drive, in this case drive **A:**.



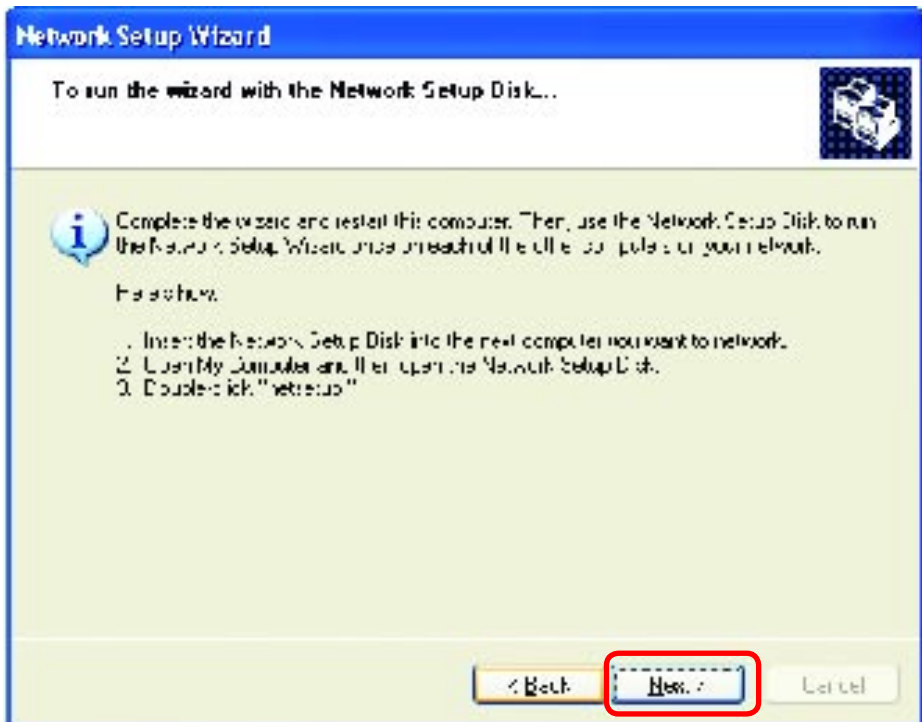
Format the disk if you wish, and Click **Next**

Networking Basics (continued)

Please wait while the **Network Setup Wizard** copies the files.

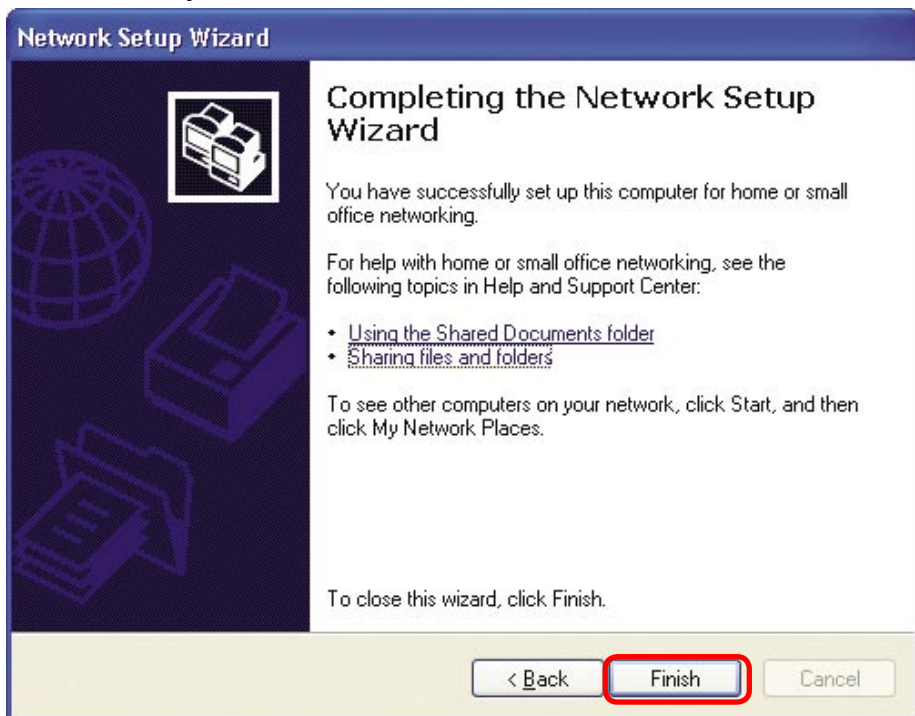


Please read the information under **Here's how** in the screen below. After you complete the **Network Setup Wizard** you will use the **Network Setup Disk** to run the **Network Setup Wizard** once on each of the computers on your network. To continue, Click **Next**.

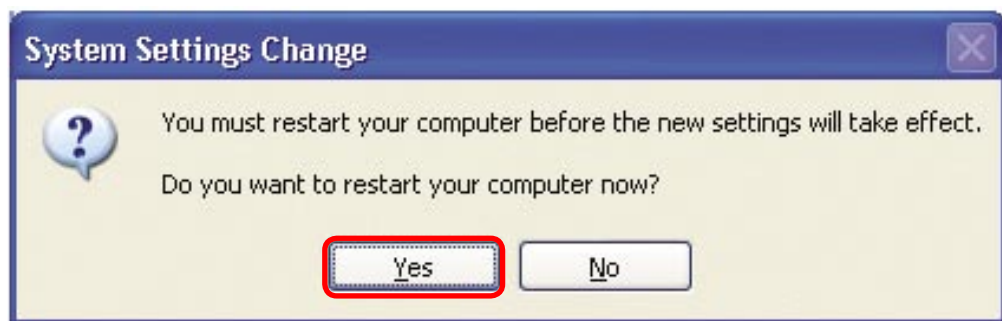


Networking Basics (continued)

Please read the information on this screen, then click **Finish** to complete the **Network Setup Wizard**.



The new settings will take effect when you restart the computer. Click **Yes** to restart the computer.



You have completed configuring this computer. Next, you will need to run the **Network Setup Disk** on all the other computers on your network. After running the **Network Setup Disk** on all your computers, your new wireless network will be ready to use.

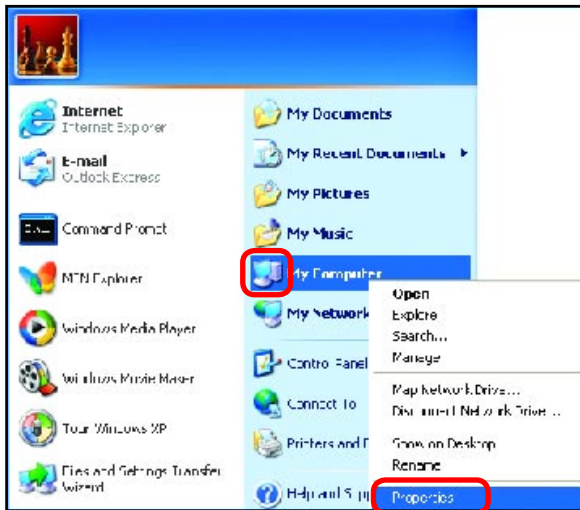
Networking Basics (continued)

Networking Basics

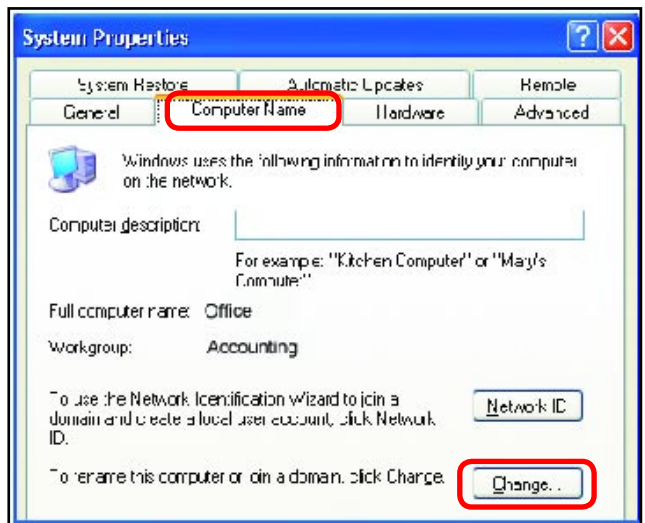
How to assign a Name to your computer

To name your computer, please follow these directions in **Windows XP**:

- Click **Start** (in the lower left corner of the screen)
- Right-click **My Computer**
- Select **Properties** and Click



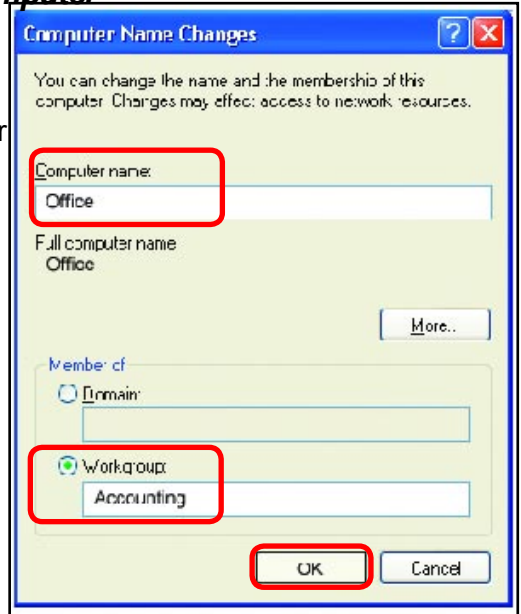
- Select the **Computer Name** tab in the System Properties window.
- You may enter a **Computer Description** (optional).
- To rename the computer and join a domain, Click **Change**.



Networking Basics (continued)

How to assign a Name to your Computer

- In this window, enter the **Computer name**
- Select **Workgroup** and enter the name of the **Workgroup**
- All computers on your network must have the same **Workgroup** name.
- Click **OK**



How to find your IP Address in Windows XP

The adapter-equipped computers in your network must be in the same IP Address range. To verify the IP Address of the adapter, please do the following:

- Right-click on the **Local Area Connection icon** in the task bar
- Click on **Status**

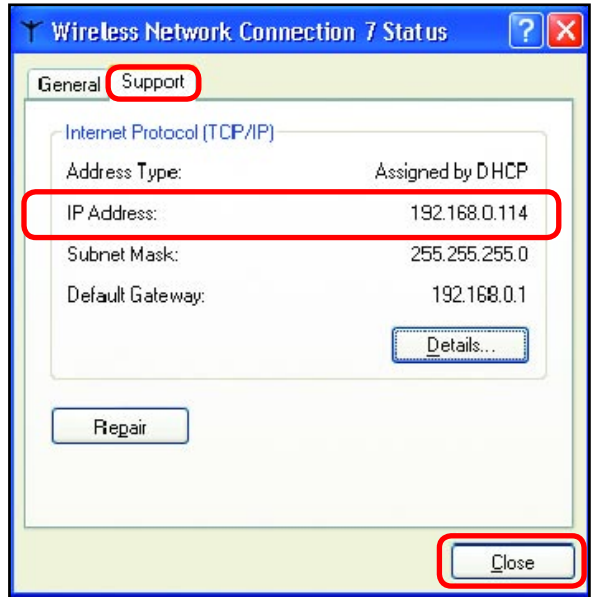


Networking Basics (continued)

How to find your IP Address in Windows XP

This window will appear.

- Click the **Support** tab
- Click **Close**

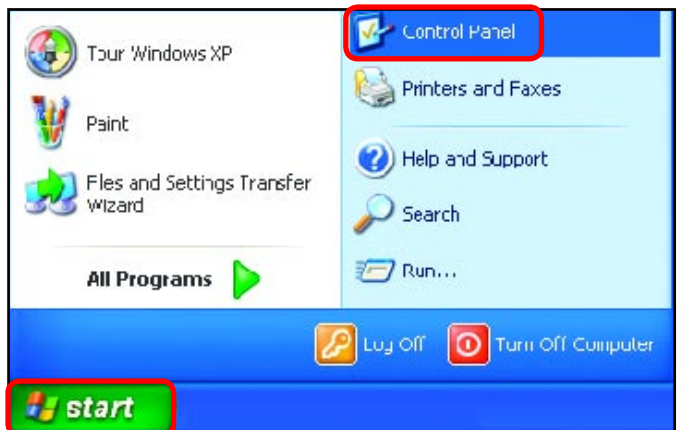


Assigning a Static IP Address in Windows XP/2000

Note: Residential Gateways/Broadband Routers will automatically assign IP Addresses to the computers on the network, using DHCP (Dynamic Host Configuration Protocol) technology. If you are using a DHCP-capable Gateway/Broadband Router you will not need to assign Static IP Addresses.

If you are not using a DHCP capable Gateway/Broadband Router, or you need to assign a Static IP Address, please follow these instructions:

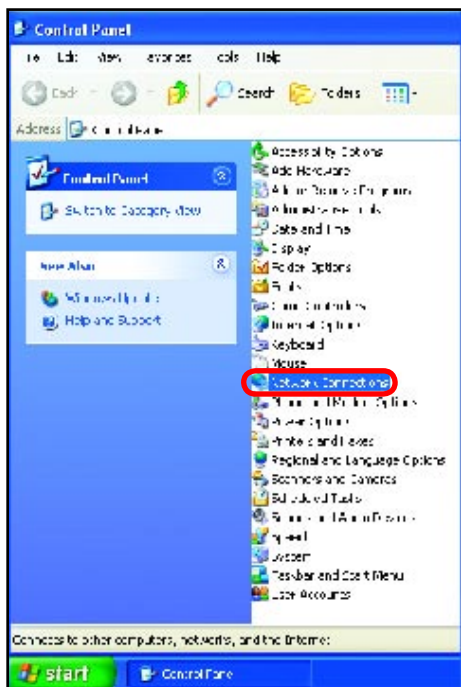
- Go to **Start**
- Double-click **Control Panel**



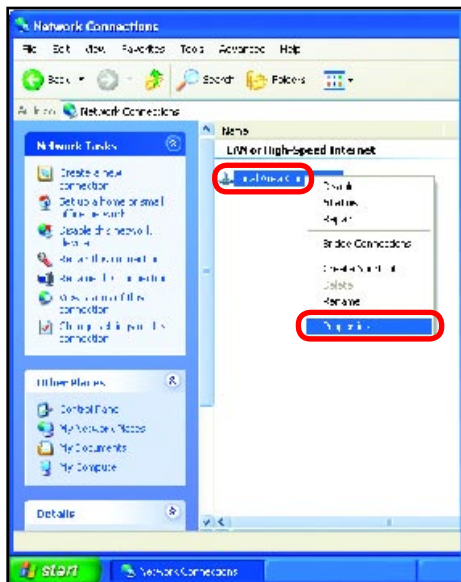
Networking Basics (continued)

Assigning a Static IP Address in Windows XP/2000

- Double-click **Network Connections**



- Right-click **Local Area Connections**

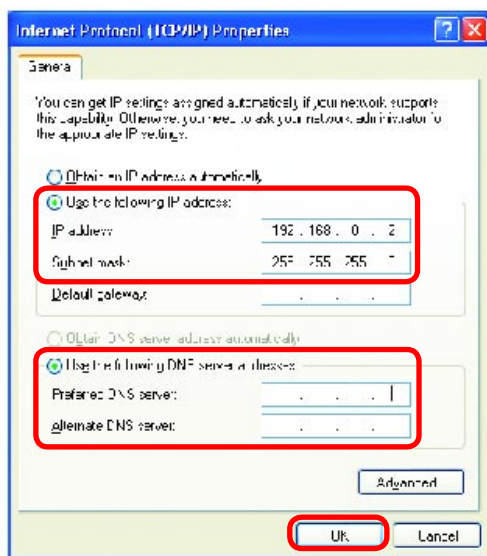
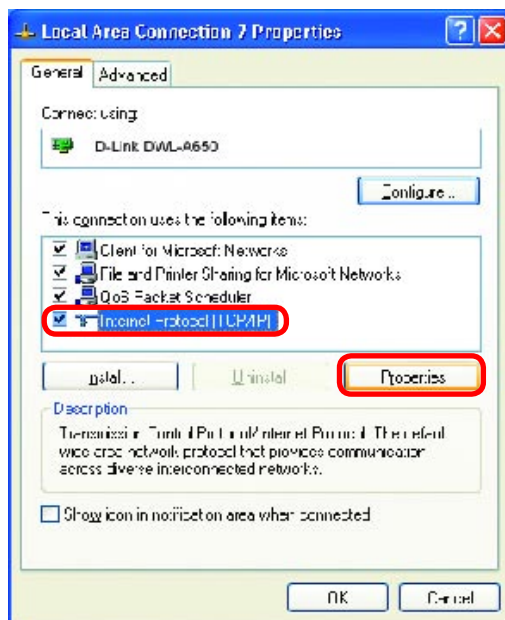


- Double-click **Properties**

Networking Basics (continued)

Assigning a Static IP Address in Windows XP/2000

- Click **Internet Protocol (TCP/IP)**
- Click **Properties**
- Select **Use the following IP Address** in the **Internet Protocol (TCP/IP) Properties** window.
- Input your **IP Address and subnet mask**. (The IP Addresses on your network must be within the same range. For example, if one computer has an IP Address of 192.168.0.2, the other computers should have IP Addresses that are sequential, like 192.168.0.3 and 192.168.0.4. The subnet mask must be the same for all the computers on the network.)
- Input your **DNS server addresses**. (Note: If you are entering a DNS server, you must enter the IP Address of the Default Gateway.)



The DNS server information will be supplied by your ISP (Internet Service Provider.)

- Click **OK**

Technical Specifications

Printer Connection

Printer Port: IEEE 1284 standard bidirectional parallel interface with 25-pin connector.
USB port (ver 2.0)

Bidirectional Communication: Hewlett-Packard PJI (Printer Job Language) standard for bidirectional communication.

Network Connection

Network Standards: IEEE 802.3 10Base-T Ethernet

Network Data Transfer Rate: 10/100 Mbps (megabits per second)

Network Connector: RJ-45 connector for 10Base-T Category 5 twisted-pair connection

Network Protocols

Ethernet Frame Types: 802.2, 802.3, Ethernet II, SNAP (auto-switching)

Transport Protocols: TCP/IP, NetBEUI, AppleTalk/EtherTalk, LPR

TCP/IP Protocols Supported: BOOTP, SNMP, Telnet, TFTP, FTP, LPD, RARP, DHCP

Management and Diagnostics

Standard: SNMP MIBs:

MIB-II (RFC 1213)

Diagnostic LED Indicators: Pw, Lk/Act, LPT1, LPT2, USB

Environmental and Physical

Power Supply: External power supply providing 5V/ 2.5A

Dimensions: 7.58" x 4.66" x 1.22" (192.5mm x 118.4mm x 31 mm)

Weight: approx. 10.3 oz. (292g)

Operating Temperature: 32 to 122°F (0 to 50°C)

Storage Temperature: -13 to 131°F (-25 to 55°C)

Humidity: 5% to 95% non-condensing

Emissions: FCC Class B, CE Class B, VCCI Class B

Technical Support

You can find software updates and user documentation on the D-Link website.

D-Link provides free technical support for customers within the United States and within Canada for the duration of the warranty period on this product.

U.S. and Canadian customers can contact D-Link technical support through our website, or by phone.

Tech Support for customers within the United States:

D-Link Technical Support over the Telephone:

(877) 453-5465

24 hours a day, seven days a week.

D-Link Technical Support over the Internet:

<http://support.dlink.com>

email:support@dlink.com

Tech Support for customers within Canada:

D-Link Technical Support over the Telephone:

(800) 361-5265

Monday through Friday, 7:30am to 12:00am EST

D-Link Technical Support over the Internet:

<http://support.dlink.ca>

email:support@dlink.ca

When contacting technical support, please provide the following information:

- *Serial number of the unit*
- *Model number or product name*
- *Software type and version number*

Warranty and Registration

Subject to the terms and conditions set forth herein, D-Link Systems, Inc. (“D-Link”) provides this Limited warranty for its product only to the person or entity that originally purchased the product from:

- D-Link or its authorized reseller or distributor and
- Products purchased and delivered within the fifty states of the United States, the District of Columbia, U.S. Possessions or Protectorates, U.S. Military Installations, addresses with an APO or FPO.

Limited Warranty: D-Link warrants that the hardware portion of the D-Link products described below will be free from material defects in workmanship and materials from the date of original retail purchase of the product, for the period set forth below applicable to the product type (“Warranty Period”), except as otherwise stated herein.

1-Year Limited Warranty for the Product(s) is defined as follows:

- Hardware (excluding power supplies and fans) One (1) Year
- Power Supplies and Fans One (1) Year
- Spare parts and spare kits Ninety (90) days

D-Link’s sole obligation shall be to repair or replace the defective Hardware during the Warranty Period at no charge to the original owner or to refund at D-Link’s sole discretion. Such repair or replacement will be rendered by D-Link at an Authorized D-Link Service Office. The replacement Hardware need not be new or have an identical make, model or part. D-Link may in its sole discretion replace the defective Hardware (or any part thereof) with any reconditioned product that D-Link reasonably determines is substantially equivalent (or superior) in all material respects to the defective Hardware. Repaired or replacement Hardware will be warranted for the remainder of the original Warranty Period from the date of original retail purchase. If a material defect is incapable of correction, or if D-Link determines in its sole discretion that it is not practical to repair or replace the defective Hardware, the price paid by the original purchaser for the defective Hardware will be refunded by D-Link upon return to D-Link of the defective Hardware. All Hardware (or part thereof) that is replaced by D-Link, or for which the purchase price is refunded, shall become the property of D-Link upon replacement or refund.

Limited Software Warranty: D-Link warrants that the software portion of the product (“Software”) will substantially conform to D-Link’s then current functional specifications for the Software, as set forth in the applicable documentation, from the date of original retail purchase of the Software for a period of ninety (90) days (“Warranty Period”), provided that the Software is properly installed on approved hardware and operated as contemplated in its documentation. D-Link further warrants that, during the Warranty Period, the magnetic media on which D-Link delivers the Software will be free of physical defects. D-Link’s sole obligation shall be to replace the non-conforming Software (or defective media) with software that substantially conforms to D-Link’s functional specifications for the Software or to refund at D-Link’s sole discretion. Except as otherwise agreed by D-Link in writing, the replacement Software is provided only to the original licensee, and is subject to the terms and conditions of the license granted by D-Link for the Software. Software will be warranted for the remainder of the original Warranty Period from the date of original retail purchase. If a material non-conformance is incapable of correction, or if D-Link determines in its sole discretion that it is not practical to replace the non-conforming Software, the price paid by the original licensee for the non-conforming Software will be refunded by D-Link; provided that the non-conforming Software (and all copies thereof) is first returned to D-Link. The license granted respecting any Software for which a refund is given automatically terminates.

Non-Applicability of Warranty: The Limited Warranty provided hereunder for hardware and software of D-Link’s products will not be applied to and does not cover any refurbished product and any product purchased through the inventory clearance or liquidation sale or other sales in which D-Link, the sellers, or the liquidators expressly disclaim their warranty obligation pertaining to the product and in that case, the product is being sold “As-Is” without any warranty whatsoever including, without limitation, the Limited Warranty as described herein, notwithstanding anything stated herein to the contrary.

Submitting A Claim: The customer shall return the product to the original purchase point based on its return policy. In case the return policy period has expired and the product is within warranty, the customer shall submit a claim to D-Link as outlined below:

- The customer must submit with the product as part of the claim a written description of the Hardware defect or Software nonconformance in sufficient detail to allow D-Link to confirm the same.

- The original product owner must obtain a Return Material Authorization (“RMA”) number from the Authorized D-Link Service Office and, if requested, provide written proof of purchase of the product (such as a copy of the dated purchase invoice for the product) before the warranty service is provided.
- After an RMA number is issued, the defective product must be packaged securely in the original or other suitable shipping package to ensure that it will not be damaged in transit, and the RMA number must be prominently marked on the outside of the package. Do not include any manuals or accessories in the shipping package. D-Link will only replace the defective portion of the Product and will not ship back any accessories.
- The customer is responsible for all in-bound shipping charges to D-Link. No Cash on Delivery (“COD”) is allowed. Products sent COD will either be rejected by D-Link or become the property of D-Link. Products shall be fully insured by the customer and shipped to **D-Link Systems, Inc., 53 Discovery Drive, Irvine, CA 92618**. D-Link will not be held responsible for any packages that are lost in transit to D-Link. The repaired or replaced packages will be shipped to the customer via UPS Ground or any common carrier selected by D-Link, with shipping charges prepaid. Expedited shipping is available if shipping charges are prepaid by the customer and upon request.

D-Link may reject or return any product that is not packaged and shipped in strict compliance with the foregoing requirements, or for which an RMA number is not visible from the outside of the package. The product owner agrees to pay D-Link’s reasonable handling and return shipping charges for any product that is not packaged and shipped in accordance with the foregoing requirements, or that is determined by D-Link not to be defective or non-conforming.

What Is Not Covered: This limited warranty provided by D-Link does not cover: Products, if in D-Link’s judgment, have been subjected to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, repair or service in any way that is not contemplated in the documentation for the product, or if the model or serial number has been altered, tampered with, defaced or removed; Initial installation, installation and removal of the product for repair, and shipping costs; Operational adjustments covered in the operating manual for the product, and normal maintenance; Damage that occurs in shipment, due to act of God, failures due to power surge, and cosmetic damage; Any hardware, software, firmware or other products or services provided by anyone other than D-Link; Products that have been purchased from inventory clearance or liquidation sales or other sales in which D-Link, the sellers, or the liquidators expressly disclaim their warranty obligation pertaining to the product. Repair by anyone other than D-Link or an Authorized D-Link Service Office will void this Warranty.

Disclaimer of Other Warranties: EXCEPT FOR THE LIMITED WARRANTY SPECIFIED HEREIN, THE PRODUCT IS PROVIDED “AS-IS” WITHOUT ANY WARRANTY OF ANY KIND WHATSOEVER INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IF ANY IMPLIED WARRANTY CANNOT BE DISCLAIMED IN ANY TERRITORY WHERE A PRODUCT IS SOLD, THE DURATION OF SUCH IMPLIED WARRANTY SHALL BE LIMITED TO NINETY (90) DAYS. EXCEPT AS EXPRESSLY COVERED UNDER THE LIMITED WARRANTY PROVIDED HEREIN, THE ENTIRE RISK AS TO THE QUALITY, SELECTION AND PERFORMANCE OF THE PRODUCT IS WITH THE PURCHASER OF THE PRODUCT.

Limitation of Liability: TO THE MAXIMUM EXTENT PERMITTED BY LAW, D-LINK IS NOT LIABLE UNDER ANY CONTRACT, NEGLIGENCE, STRICT LIABILITY OR OTHER LEGAL OR EQUITABLE THEORY FOR ANY LOSS OF USE OF THE PRODUCT, INCONVENIENCE OR DAMAGES OF ANY CHARACTER, WHETHER DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF GOODWILL, LOSS OF REVENUE OR PROFIT, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, FAILURE OF OTHER EQUIPMENT OR COMPUTER PROGRAMS TO WHICH D-LINK’S PRODUCT IS CONNECTED WITH, LOSS OF INFORMATION OR DATA CONTAINED IN, STORED ON, OR INTEGRATED WITH ANY PRODUCT RETURNED TO D-LINK FOR WARRANTY SERVICE) RESULTING FROM THE USE OF THE PRODUCT, RELATING TO WARRANTY SERVICE, OR ARISING OUT OF ANY BREACH OF THIS LIMITED WARRANTY, EVEN IF D-LINK HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE SOLE REMEDY FOR A BREACH OF THE FOREGOING LIMITED WARRANTY IS REPAIR, REPLACEMENT OR REFUND OF THE DEFECTIVE OR NON-CONFORMING PRODUCT. THE MAXIMUM LIABILITY OF D-LINK UNDER THIS WARRANTY IS LIMITED TO THE PURCHASE PRICE OF THE PRODUCT COVERED BY THE WARRANTY. THE FOREGOING EXPRESS WRITTEN WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ANY OTHER WARRANTIES OR REMEDIES, EXPRESS, IMPLIED OR STATUTORY.

Governing Law: This Limited Warranty shall be governed by the laws of the State of California. Some states do not allow exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the foregoing limitations and exclusions may not apply. This limited warranty provides specific legal rights and the product owner may also have other rights which vary from state to state.

Trademarks: D-Link is a registered trademark of D-Link Systems, Inc. Other trademarks or registered trademarks are the property of their respective manufacturers or owners.

Copyright Statement: No part of this publication or documentation accompanying this Product may be reproduced in any form or by any means or used to make any derivative such as translation, transformation, or adaptation without permission from D-Link Corporation/D-Link Systems, Inc., as stipulated by the United States Copyright Act of 1976. Contents are subject to change without prior notice. Copyright® 2002 by D-Link Corporation/D-Link Systems, Inc. All rights reserved.

CE Mark Warning: This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

FCC Statement: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of about 8 inches (20cm) between the radiator and your body.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Register your D-Link product online at <http://support.dlink.com/register/>

(2005/06/27)

Appendix:

DP-300U Printer Compatibility List

The Canon Printer

USB:

Cannon BJC55, BJC85
Cannon S100SP
Cannon S200SP
Cannon S300
Cannon S330
Cannon S400SP
Cannon S520
Cannon S600
Cannon S6300
Cannon S750
Cannon S450
Cannon S4500
Cannon S9000
Cannon PIXUS 850i
Cannon I850
Cannon IP1000, IP3000, IP4000

Parallel:

Canon BJC-255SP
Canon BJ-330
Canon BJC-600, 620
Canon BJC-2000SP
Canon BJC-4100
Canon BJC- 4300
Canon BJC- 4500
Canon BJC- 4550
Canon BJC-6000
Canon BJC- 6500
Canon BJC-7000
Canon BJC-8200
Canon LBP-720
Canon BJC-740
Canon Bubble Jet S520

The Epson Printer

USB:

EPSON Stylus C41UX, C405, C60, C61, C80, C42UX, RX510, C43 , C45

EPSON Photo R310, 720, 810, 820, 830, 830U, 890, 900, 1280, 1290, PM860PT, CC550L, CC570L, CL750, CL760, MC-2000, PM680C, PM-720C, PM-730C, PM-740C, PM740DU, PM-D750, PM-780CS, PM-790PT, PM-800C, PM-800DC, PM-820C, PM-820DC, PM-830C, PM-840C, PM-850PT, PM-860PT, PM-870C, PM-890C, PM-G900, PM-920C, PM-930C, PM-940C, PM-950C, PM-970C, PM-980C, PM-D1000, PM-2200C, PM-3300C, PM-3500C, PM-3700C, PM-4000PX , PM-A850, PM-D750, PM-G700, PM-G800, E-100

EPSON Laser PX-V500, PX-V600, PX-V700, PX-G900, 900, 1160, 2200, LP-1200, LP-1300, LP-1400, LP1500C, LP-2000C, LP-2400, LP-2500, LP-6100, LP-7000C, LP-7500, LP-7700, LP-7800, LP-7900, LP-8900, LP-9000B, LP-9000C, LP-9100, LP-9400, LP-9500C, LP-9800C

Parallel:

Epson Stylus Photo 700, 710, 750
Epson Stylus Photo 870
Epson Stylus Photo 1200, 1270
Epson Stylus Photo EX

Appendix: DP-300U Printer Compatibility List (continued)

Epson Stylus Pro XL
Epson Stylus Color 400, 440, 460, 480
Epson Stylus Color 600, 640, 660
Epson Stylus Color 740
Epson Stylus Color 800, 850, 860
Epson Stylus Color 900
Epson Stylus Color 1160
Epson Stylus Color 1500, 1520
Epson Stylus Color 3000
Epson Stylus C60
Epson LQ-100
Epson LQ-300
Epson LQ-550, 570+
Epson LQ-1070C+
Epson LQ-2070, 2170C
Epson EPL-N2000, N2010
Epson EPL-5500, 5700, 5700L, 5800

The HP Printer

USB:

HP Desk jet 640C, 650C
HP Desk jet 845C
HP Desk jet 920C
HP Desk jet 940C, 948C
HP Desk jet 960C
HP Desk jet 990Cxi, 995C
HP Desk jet 1125C, 1180C
HP Desk jet 1220C
HP Desk jet 3320
HP Desk jet 3420, 3425, 3845
HP Color Inkjet CP1700, 3535, 3650, 3745
HP Inkjet DeskJet5610, DeskJet5650, DeskJet5850
HP laserJet 1200, 2200, 2200D, 1500

Parallel:

HP LaserJet III
HP LaserJet 4P, 4L, 4V
HP LaserJet 5L
HP LaserJet 6P, 6L
HP LaserJet 1100, 1100A
HP LaserJet 1200
HP LaserJet 2100, 2100M
HP LaserJet 2200
HP LaserJet 3150
HP LaserColorJet 8500
HP LaserJet 1100 series
HP LaserJet 1300 series
HP LaserJet 2100 series
HP LaserJet 3150
HP LaserJet 4000
HP LaserJet 5000
HP LaserJet 5100SE
HP LaserJet 9000
HP Color LaserJet 4600 PS
HP DeskJet 400, 420
HP DeskJet 500
HP DeskJet 550C, 560C
HP DeskJet 670C, 695C
HP DeskJet720C
HP DeskJet 810C, 890C
HP DeskJet 920C
HP DeskJet 930C(new), 970CXI
HP DeskJet 1120C, DeskJet 1125C,
All in One Officejet HP T47, 710

Appendix: DP-300U Printer Compatibility List (continued)

The Lexmark Printer

USB:

Lexmark Z13, Z25, Z33, Z35, Z43,
Z45, Z53, Z615, Z810, Z818
Lexmark 4039 10R
Lexmark 5700
Lexmark Optra Color 45
Lexmark Optra C710
Lexmark Optra E, E+, E310, E230
Lexmark Optra K1220
Lexmark Optra M410, M412
Lexmark Optra N,
Lexmark Optra R+
Lexmark Optra S1250, Optra S1855
Lexmark Optra SC-1275
Lexmark Optra SE-3455
Lexmark OptraT614
Lexmark Optra W810

Parallel:

Lexmark 4039 10R
Lexmark 5700
Lexmark Optra Color 45
Lexmark Optra C710
Lexmark Optra E, E+, E310
Lexmark Optra K1220
Lexmark Optra M410, M412
Lexmark Optra N
Lexmark Optra R+
Lexmark Optra S1250, S1855
Lexmark Optra SC-1275
Lexmark Optra SE-3455
Lexmark Optra T614
Lexmark Optra W810
Lexmark Z53

The Fujitsu Printer

Parallel:

Fujitsu 10V
Fujitsu 14V
Fujitsu DL-700
Fujitsu DL-3800

The IBM Printer

Parallel:

IBM 5577
IBM 4039
IBM 16L
IBM Infor Printer 20
IBM InfoPrint 32

The NEC Printer

NEC P2200
NEC P3200
NEC P5300
NEC P6300
NEC P7300

The OTHER Printers

Brother HL-1260
CD T120
Citizen GSX-230
Futek 84+
OKI ML-391
OKIdata OL-400
Olivetti JP450
Pannsonic 2023
Panasonic KX-P1624
Printtec PR856C
Star NX-2420
Tektronix Phraser 350
Kyocera FS-1000