D-Link
Quick Installation Guide

This product can be setup using any current web browser, i.e., Internet Explorer 6 or Netscape Navigator 7.0

DP-311U
2.4GHz Wireless Print Server

Before You Begin

You will need an Ethernet-enabled device, such as a laptop or desktop computer and a USB printer that will connect to the DP-311U.

Important: TURN OFF the power to the printer before installing the DP-311U.

Check Your Package Contents

DP-311U Wireless USB Print Server

CD-ROM (Software, Manual and Warranty)

**5V DC 2.5A Power Adapter**

⚠ Using a power supply with a different voltage rating will damage this product and void its warranty.

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

Connecting The DP-311U To Your Network

First, insert one end of a straight-through CAT5 Ethernet RJ-45 cable into the **"Network Port"** (shown below.) Connect the other end of the cable to the LAN port of the gateway or switch*. **Note: Do not connect the power cord to the DP-311U until you are advised to do so.**
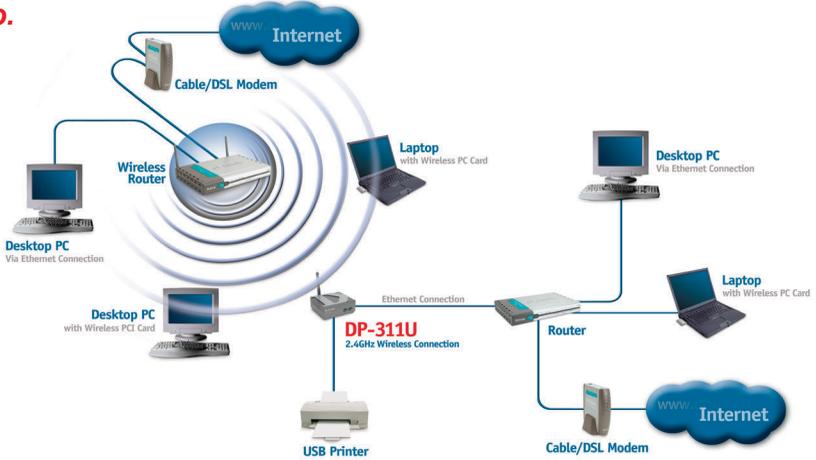

> **Warning!**
> Only a USB printer may be connected to the USB port of the DP-311U. Do not connect any other USB device to the USB port; doing so may damage the unit, voiding the warranty for this product.

Next, make sure that the Printer is turned **OFF**.
Using the USB cable, connect one end of the cable to the USB port of the DP-311U (shown below) and the other end to the USB port of the printer. Turn **ON** the printer.

Receptor for AC Power Adapter

Network Port

USB Port
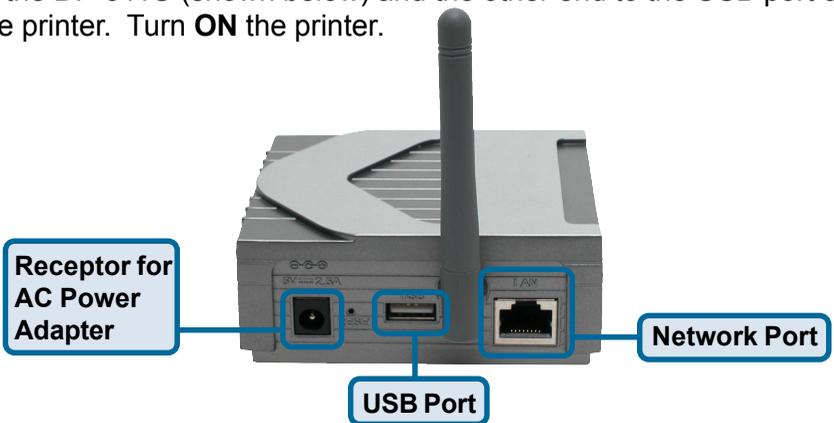
Then, plug one end of the power adapter into the DP-311U and the other end into your electric outlet. The DP-311U will turn on and begin a self-test.

> ⚠ For Mac OS printing, please refer to manual (.pdf) located on the CD-ROM.
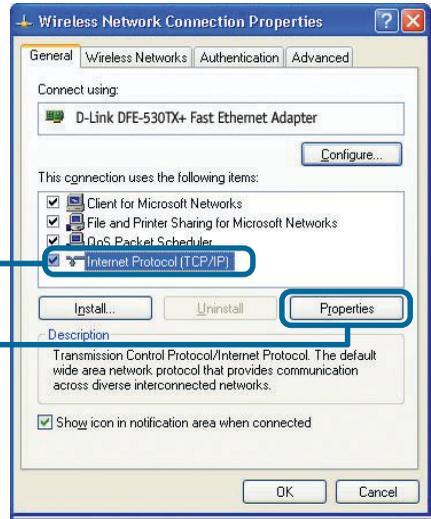
2 Setting up your DP-311U for network printing in <u>Windows XP</u>

For additional Windows operating system setup or information on the web-management interface, refer to the manual located on the CD-ROM.

The factory default IP address of the DP-311U is 192.168.0.10. In order to network to the printer through the DP-311U, the DP-311U must have the same IP network settings as your network. IP address can be assigned manually or automatically by DHCP, BOOTP or RARP. To access the print server's web configuration, manually assign an IP address on one of the wired PC's on your network to the same subnet as the print server.
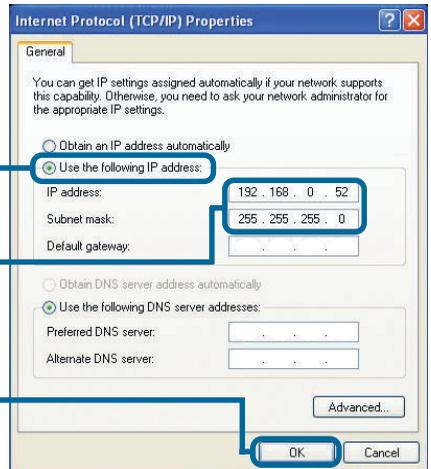
Go to **Start** > **right click** on **My Network Places** > select **Properties** > **Double-click** on the **Network Connection** associated with your Network Adapter.

Click Internet Protocol (TCP/IP)

Click Properties

Input a static IP address in the same range as the print server.

Select Use the following IP address

IP address: 192.168.0.52
Subnet mask: 255.255.255.0

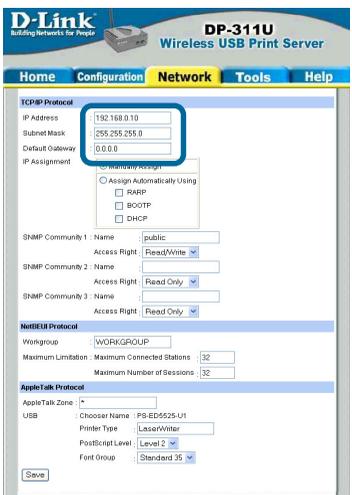**Click OK**

Click OK to apply IP address settings.

Click OK

Using your web browser enter the IP address of the DP-311U. By default the IP address is set to 192.168.0.10

The IP address of the DP-311U can be modified on the **Network** tab of the web configuration menu.

The following instructions use the print server's default IP address as an example. Make the appropriate changes if you modify the DP-311U's IP address.

Click on the **Configuration** tab to view the current **Wireless Settings.**

⚠ Write down on a piece of paper the Port name that you wish to use.

D-Link
Building Networks for People

DP-311U
Wireless USB Print Server

Home | **Configuration** | Network | Tools | Help

System Device

Server Name : PS-ED5525
Location :
Admin Contact :
Password : New Password :
Confirm Again :

Port Setting

① **Select your Connection Mode**

USB : Port Name : PS-ED5525-U1
Description :
PJL Printer : No

Enter the ESS-ID of the ②
remote access point or
wireless router you wish to
connect to.

Wireless Interface

Connection Mode : ● Infrastructure
○ Ad-Hoc

ESS-ID : default

Wireless Channel : 6

Transmission Rate : Fully Automatic

If you would like to set WEP Encryp- ③
tion, select the encryption level and
the key here.

WEP Key Encryption : ● Disable ○ 64 bits ○ 128 bits
WEP Key : ● ASCII ○ HEX
Confirm WEP Key :

Save

Click Save

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① **What is Infrastructure and Ad-Hoc Mode?**
Ad-Hoc: Refers to two or more 802.11b wireless devices that communicate directly with one another without using an access point or any connection to a wired network. **Infrastructure:** Refers to an 802.11 network in which wireless devices communicate with each other by first going through an Access Point (AP) or wireless router.

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② **What is an SSID?**
A workgroup name of your Wireless Network. All wireless devices must all have the same SSID to communicate on the Wireless Network. All D-Link Wireless devices have the default SSID of default, all lower case.

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③ **How does WEP Work?**
64 bit WEP encryption uses a 10 hexidecimal character key. 128 bit WEP uses a 26 hexidecimal character key. The WEP encryption key must match the WEP settings on your AP or wireless router to connect properly.

For Windows XP:

Go to Start>Printers and Faxes>Add a Printer or Go to Start>Control Panel> Printers and Faxes

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

Printers and Faxes

| File | Edit | View | Favorites | Tools | Help |

Back · · · Search

Address Printers and Faxes

Add Printer

Add Printer Wizard

Welcome to the Add Printer Wizard

This wizard helps you install a printer or make printer connections.

If you have a Plug and Play printer that connects through a USB port (or any other hot pluggable port, such as IEEE 1394, infrared, and so on), you do not need to use this wizard. Click Cancel to close the wizard, and then plug the printer's cable into your computer or point the printer toward your computer's infrared port, and turn the printer on. Windows will automatically install the printer for you.

To continue, click Next.

Back | Next > | Cancel

Click Next

Add Printer Wizard

Local or Network Printer
The wizard needs to know which type of printer to set up.

Select **"Local Printer."**

**Please make sure to deselect Automatically detect and install my Plug an Play printer.**

Select the option that describes the printer you want to use:

⊙ Local printer attached to this computer
☐ Automatically detect and install my Plug and Play printer
○ A network printer, or a printer attached to another computer
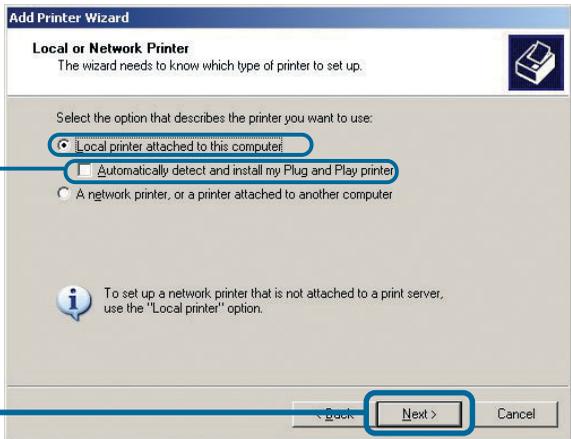
To set up a network printer that is not attached to a print server, use the "Local printer" option.

Click Next

< Back | Next > | Cancel

Select **"Create a new port."** At the pull-down menu, high- light **"Standard TCP/IP Port."**
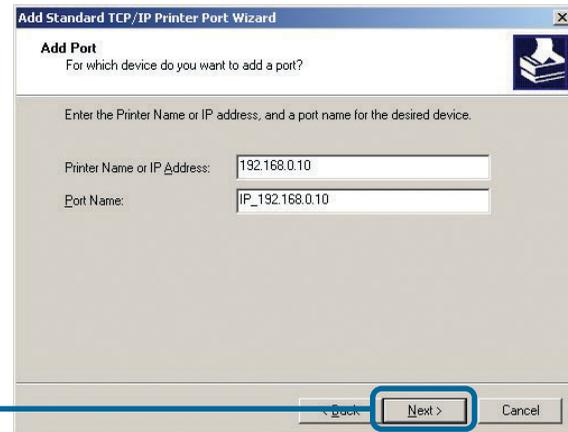
Click Next
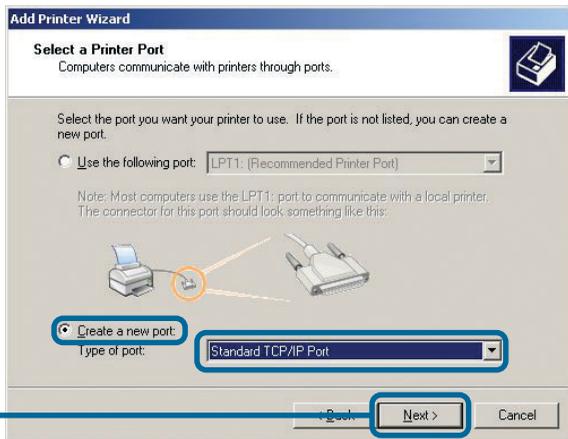
Click Next

Type in the IP address of the print server. (i.e. 192.168.0.10) The port name will automati- cally be filled in.

Click Next

⚠ This may take a few seconds

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Select "Custom"
Then click on **Settings**.

Click Settings

Select "LPR"

Input the port name of the port being used by the printer
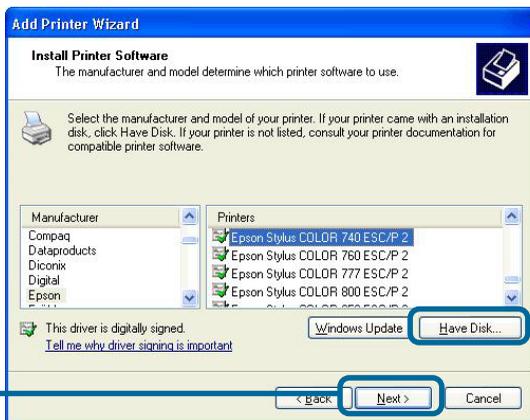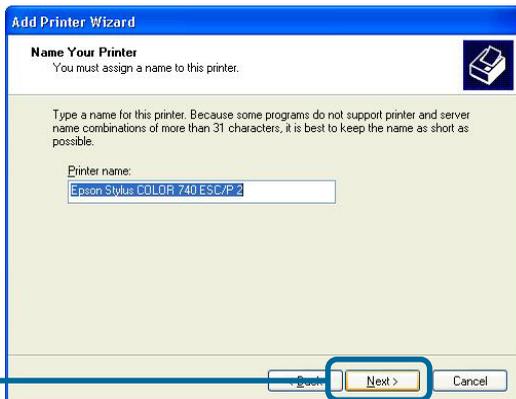
Click OK

Click Next

Click Finish
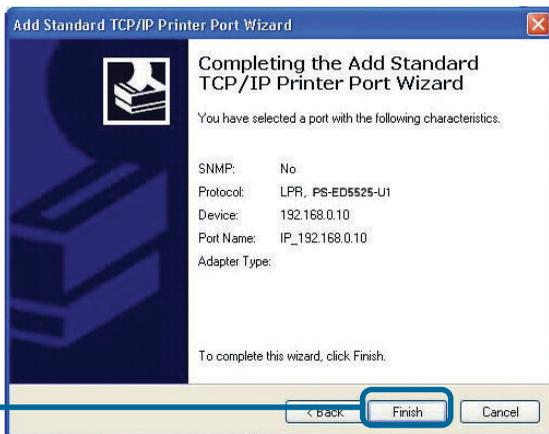
In this window, scroll down to find your printer. (If it is not listed, insert the driver CD or diskette that came with your printer.)
Click on **"Have Disk..."**
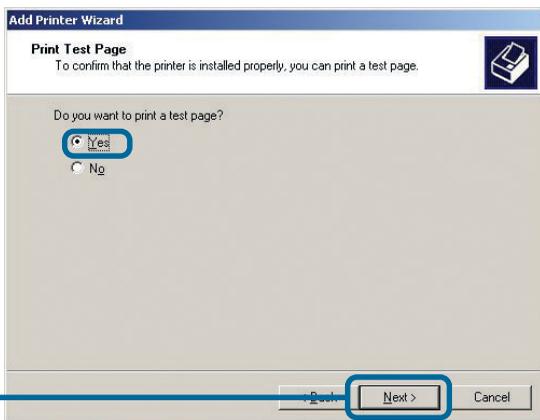Then, scroll down and highlight the printer.

Click Next

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

Click Next

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

Click Next

3 Your Setup is Complete!

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

Click Finish

<u>Notes</u>

Technical Support

You can find the most recent software 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 to Friday 8:30am to 9:00pm EST

D-Link Technical Support over the Internet:
http://support.dlink.ca
email: support@dlink.ca

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