



Model # APSUSB201  
User's Manual

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# ***ABOUT THIS GUIDE***

This manual provides instructions and illustrations on how to use your USB Print Server, including:

- Chapter 1, **Introduction**, provides the general information on the product.
- Chapter 2, **Hardware Installation**, describes the hardware installation procedure for the product.
- Chapter 3, **Using the Utilities**, helps you to install and use the software.
- Chapter 4, **Printing in MAC OS**, lets you complete printing task through your print server in MAC OS environment.
- Chapter 5, **Web Configuration**, completes the configuration using the web browser.
- Chapter 6, **Product Specification**.

Please note that the illustrations or setting values in this manual are **FOR YOUR REFERENCE ONLY**. The actual settings and values depend on your system and network. If you are not sure about the respective information, please ask your network administrator or MIS staff for help.

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# ***INTRODUCTION***

Congratulations on purchasing your USB Print Server, the easiest and fastest way to deploy printers on your network.

This compact print server can connect your network through an Access Point under the infrastructure mode, or can be used in ad-hoc mode for direct communication between PC/Notebook and print server anywhere you wish to locate USB printer services. It manages the flow of print files from your workstation or file server to its connected printers, delivering print jobs to high-performance printers much faster than a file server or a PC acting as a print server can.

The USB Print Server features a Web-based Configuration Utility, which allows you to set up the print server through the web browser easily and quickly. It also includes a powerful software utility **PS-Utility**, a user-friendly program that allows you to complete further settings for the print server.

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## Package Contents

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Unpack the package and check all the items carefully, and be certain that you have:

- ◆ One USB Print Server.
- ◆ One AC Power Adapter suitable for your country's electric power service.
- ◆ One Quick Installation Guide.
- ◆ One Installation CD-ROM containing the PS-Utility program and the User's Guide.

If any item contained is damaged or missing, please contact your local dealer immediately. Also, keep the box and packing materials in case you need to ship the unit in the future.

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## System Requirements

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- ◆ Operating System:
  - Microsoft Windows 95/98/ME/NT/2000/XP/2003.
  - Apple Mac OS (with Apple Talk support).
- ◆ For Web Configuration:
  - Java-enabled web browser, such as Microsoft® Internet Explorer 5.0 and Netscape Navigator 6.0.

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## General Features

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- ◆ Compliant with USB 2.0 Hi-speed printing
- ◆ Multi protocol support is ideal for shared printing in mixed-LAN environments
- ◆ Windows-based administrative program makes it possible to set up in a few minutes.
- ◆ Latest MIB-II (RFC 1213) for SNMP standard management
- ◆ Offer LPR program for Windows 95/98/Me TCP/IP printing
- ◆ IP assignment support for DHCP, BOOTP and RARP
- ◆ Support Web configuration
- ◆ Provide Flash memory for easy firmware upgrade
- ◆ Printing Access control and display
- ◆ E-mail notification for printer error messages
- ◆ Support E-Mail printing and FTP printing
- ◆ Ability to save print server configuration into hard drive for easy access and backup without the hassle to reconfigure if setting is altered
- ◆ Support IPP for Windows 2000/XP
- ◆ Support 2<sup>nd</sup> port for remote configuration and Windows 2000/XP IPP printing
- ◆ Support UPnP(Universal Plug and Play) for Windows XP/2003
- ◆ Support Mac 10.2 “Rendezvous” zero-configuration function

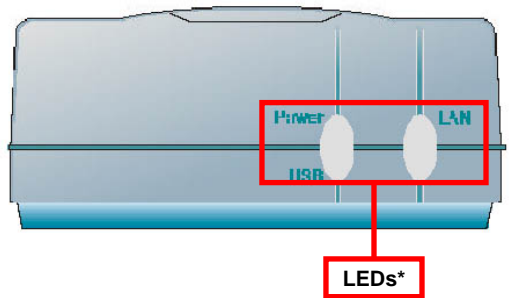
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# Product View

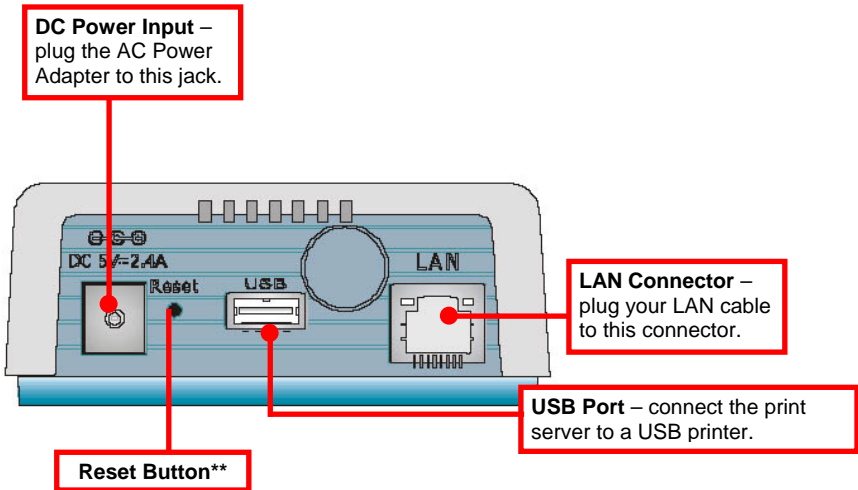
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This section describes the externally visible features of the print server.

## Front View



## Rear View



\* There are four green LED indicators on the front panel:

<b>LEDs</b>	<b>Description</b>
<b>Power</b>	Steady light confirms that the Print Server is powered on.
<b>USB</b>	When it blinks, the printer connected is printing.
<b>LAN</b>	Steady light confirms that the print server has a good connection to your network.  When it blinks (briefly dark), the print server is receiving/ transmitting data from/to the network.

\*\* 1) Press and release this button to reset the print server; or 2) Press and hold this button for ten seconds (the USB LED on the front panel lights up) and then release it, the print server will resume the factory default settings.

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# HARDWARE INSTALLATION

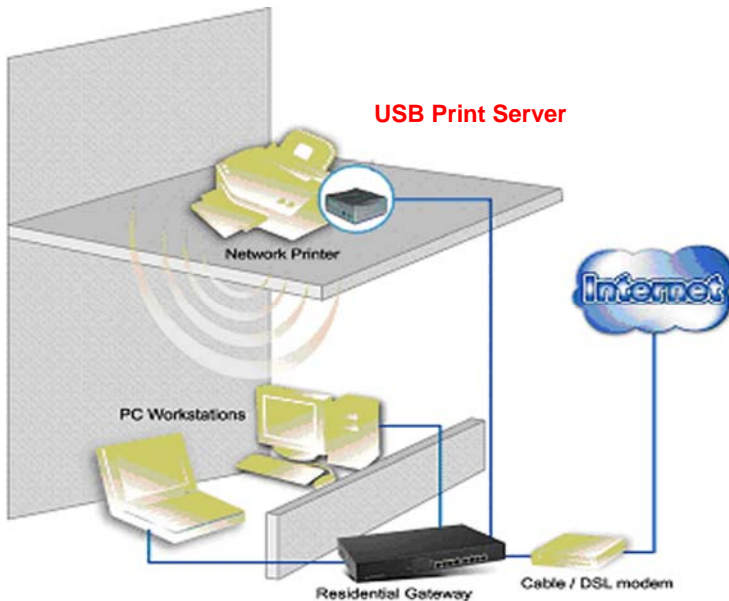
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## Networking Application

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The following diagram explains the application of your print server.



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# Installing the Print Server

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Follow these steps for a trouble-free start of print server operations with your USB Print Server.

1. Confirm proper operation of the printer to be connected to the print server.
2. When you have confirmed proper operation of the printer, turn off the power.
3. Confirm that your network is operating normally.
4. Connect the print server to the network (through the RJ-45 connector of the print server).
5. While the printer is powered off, connect the print server to the printer's USB port.
6. Turn on the printer's power.
7. Connect the DC end of the AC Power adapter to the DC power input socket of the print server and the AC end to the wall outlet. This will supply power to the print server immediately.

**NOTE:** *This print server is built with a default IP Address. To prevent from any conflict in your network, it is recommended to use the PS-Utility program to change the IP setting when there is some other device's IP Address is the same as the print server's default IP Address.*

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## USING THE UTILITIES

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This chapter describes the software utilities for the print server, including how to set up your print server with these utility. The **PS-Utility** and **PS Wizard** are designed with a user-friendly interface that allows you to set up and administer the print server easily.

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### Auto-Run Installation

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Insert the Installation CD-ROM into your computer's CD-ROM drive to initiate the Auto-Run program, and the menu screen will appear as below.



- **User's Guide** – click to preview the *User's Guide* in PDF format for detailed information of the USB Print Server.
- **Install Utility** – click to install PS-Utility. Please refer to the next section for detailed information on installing the utility.
- **PS Wizard** – click to launch the Printer Wizard program, which is helpful to set up the printer configuration easily and quickly.
- **Browse CD** – if you want to browse the contents of the Installation CD-ROM, click this button and the contents of the CD will be available for preview.
- **Exit** – click to close the Auto-Run program.

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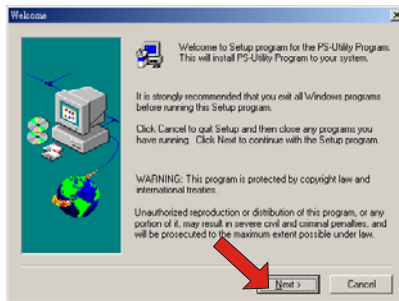
# PS-Utility

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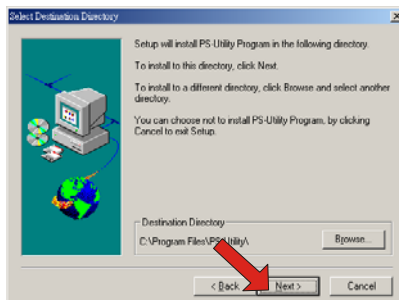
To avoid the conflict in your network, you can use PS-Utility to change the related settings of your print server (such as the IP address) after finishing the installation.

## Installing PS-Utility

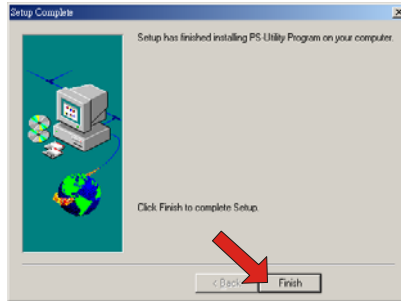
1. Click **Install Utility** from the Auto-Run menu screen. Once executed, the Setup program will extract files to launch the InstallShield Wizard; then, click **Next >** in the welcome screen of InstallShield Wizard.



2. Choose the destination location. If no specific requirement, leave the default setting and click **Next >**.



3. The InstallShield Wizard starts to install the software, and the Progress bar indicates the installation is proceeding.
4. When completed, click **Finish**.

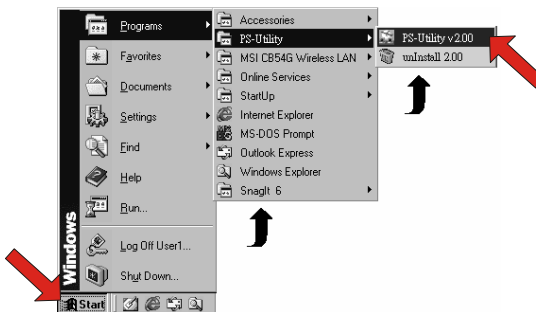


After installing the utility, the application program for the print server is automatically installed to your computer, and creates a folder in **Start\Programs\PS-Utility**.

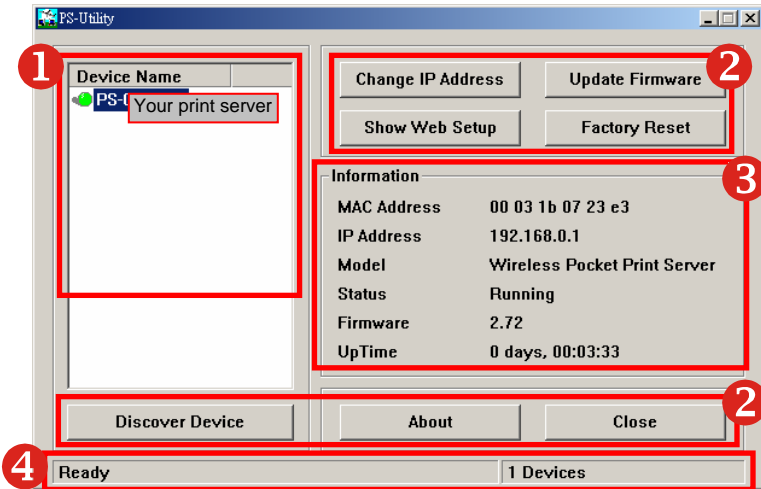
## Using PS-Utility

This section describes the operation of PS-Utility. To launch PS-Utility:

1. Click **Start -> Programs -> PS-Utility**, and then click the **PS-Utility v2.00** item.



- The main screen will appear as below, and it starts to search the connected print server within the network.

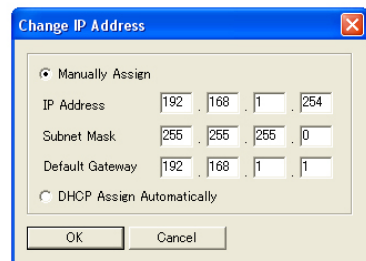


### Component Features:

- Device List:** Display the connected print server within the network.

- Control Buttons**

- **Change IP Address:**  
Click this button to bring up the following dialog box, allowing you to change the IP Address. In this dialog box, you can select either *Manually Assign* or *DHCP Assign Automatically*. When completed, click **OK**.



- **Update Firmware:** Click this button to update the firmware of the selected print server.
- **Show Web Setup:** Click this button to open your web browser and launch the Configuration Utility. Alternately, you can double-click the print server in the Device List to launch the Configuration Utility.
- **Factory Reset:** Click this button to reload the factory settings of the print server.
- **Discover Device:** Click this button to search the connected print server again.
- **About:** Click this button to bring up a window containing the basic information of PS-Utility.
- **Close:** Click this button to exit PS-Utility.

**3 Information Field:** Display the basic information of the selected print server in the Device List.

**4 Status Bar:** Display the system status.

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# PS Wizard

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PS Wizard is a convenient utility that allows you to set up the print server's port connection.

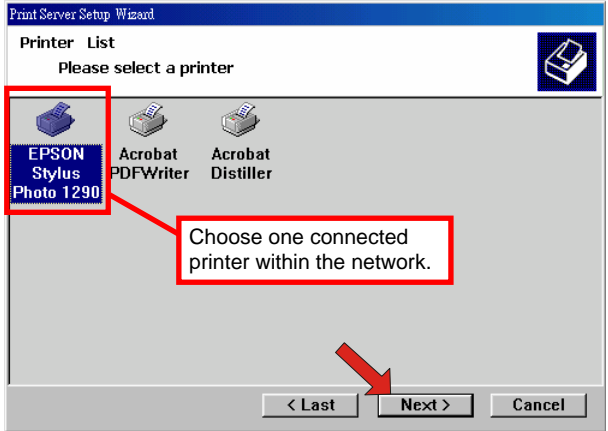
To launch PS Wizard:

1. Insert the Installation CD-ROM into your computer's CD-ROM drive, and click **PS Wizard** from the Auto-Run menu screen. The welcome screen appears as below. Click **Next >**.

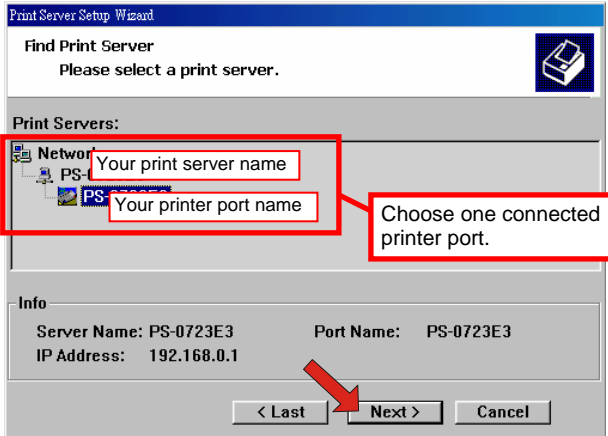


**NOTE:** For some specific printers, you may need to connect the printer to the computer and install the driver. In this case, connect it to the computer and install the driver first, and then connect it to the print server.

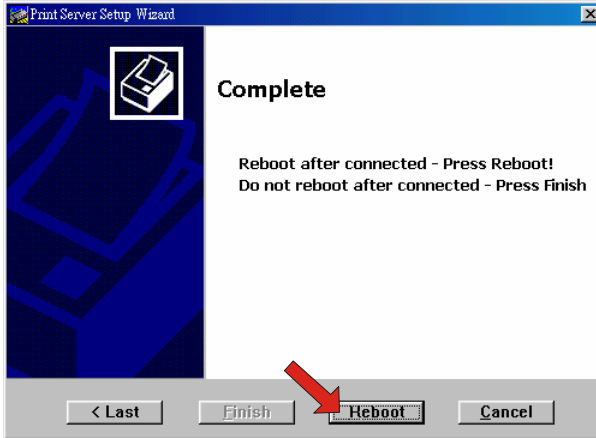
2. In the following window, select one printer in the Printer List to set up port connection, and then click **Next >**.



3. Select one printer port in the Print Server List, and click **Next >**.



4. The configuration is completed, click **Reboot** and then **Yes** to restart the system.



After rebooting, PS Wizard will help you to complete the port connection automatically. You can start your printing task without any complex configuration.

**TIP:** If you use Windows 2000/XP, the system will not restart to complete the installation.

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# *PRINTING IN MAC OS*

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## **Rendezvous Uses in MAC OS 10.2**

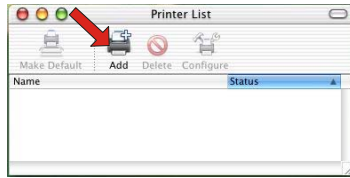
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The latest version of MAC OS provides a new feature that is called **Rendezvous**. Rendezvous is a revolutionary networking technology standard that lets you create an instant network of computers and devices, which can be used throughout Mac OS 10.2 to provide innovative ways to share files and printers and even contact other people on the network.

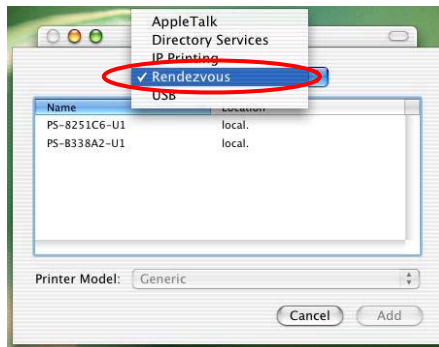
For the printer connection, the Mac OS 10.2 Print Center application uses Rendezvous to discover Rendezvous-enabled printers on the network. When you add your computer to a network, Print Center automatically discovers the available printers. All you have to do is selecting the one you want to use and then start printing. You can add a new printer to the network and all the users on the network will see the new printer automatically appear in their Print Center, without any configuration.

The following instructions provide a common procedure of installing the printer:

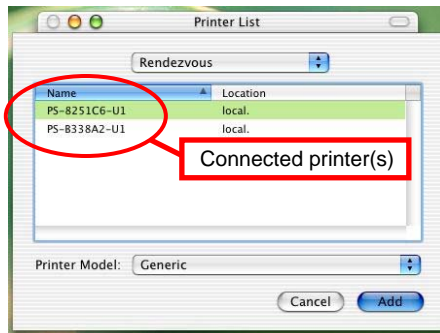
1. Launch Print Center. Press and hold the Option key, click the **Add** button.



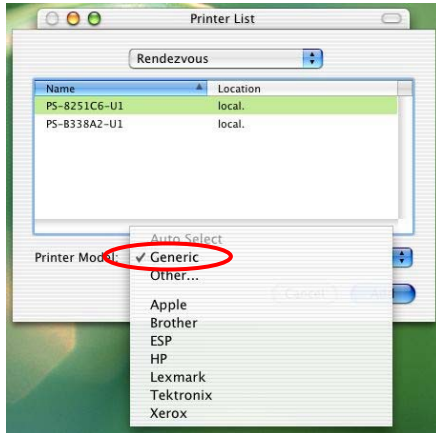
2. Select **Rendezvous** from the pop-up menu.



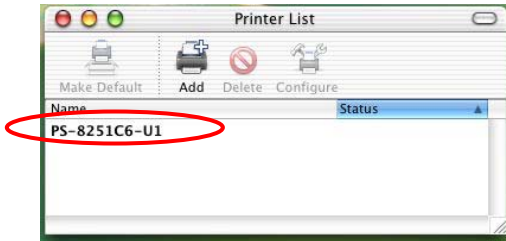
3. When clicking the **Rendezvous** item, the following window appears to display the connected Rendezvous-enabled printers.



4. Select the desired printer, and the following pop-up menu displays the printer's manufacturer. Select **Generic**.



5. The printer is installed into the system successfully.



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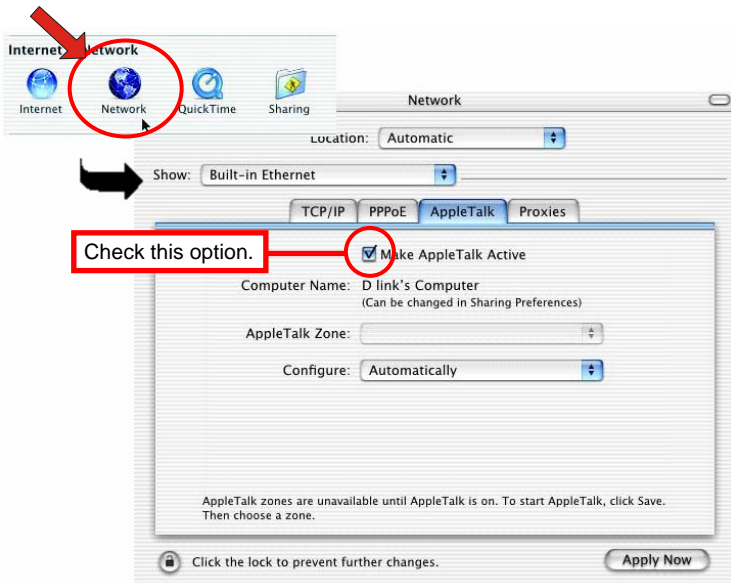
# Setting Up Apple Talk/LPR Printing

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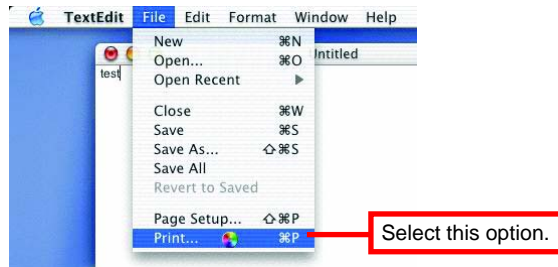
## For MAC OS X User

With MAC OS X, you can use AppleTalk or LPR printers to print through the print server. Follow the instructions below for setting up the print server:

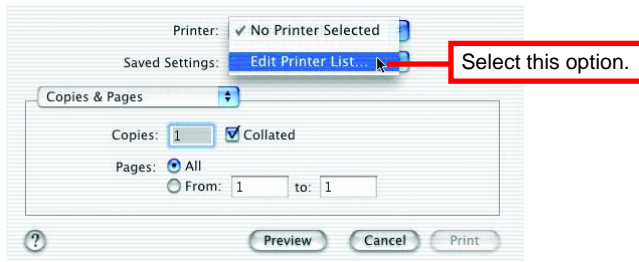
1. After attaching the print server to your network, change the IP Address of your Macintosh computer to access the print server's web configuration. The default IP Address of the print server is **192.168.1.254**. Change your IP Address to **192.168.1.x**, where **x** is any number between 2 and 200.
2. Open the **System Preference** window and click **Network**. In the Network window, select the **AppleTalk** tab and check the **Make AppleTalk Active** option.



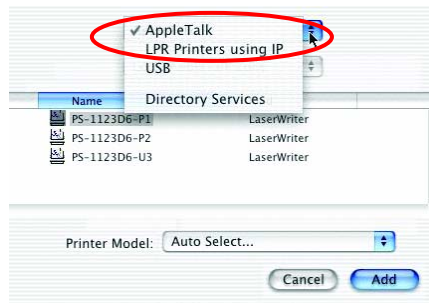
3. To print, open a document and select **File > Print** from the menu.



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



5. Click **Add Printer**. Then, select the desired printing protocol (*AppleTalk* or *LPR Printers using IP*).



- **AppleTalk:** After selecting **AppleTalk**, the Port Name of the print server will be displayed. Select the Port to which the post-script printer is connected. Then, select the printer model from the dialog box. Click **Add Printer** to complete the Printer Port configuration. Select the Printer Port just configured in the Print window. Click **Print** to print your document.
- **LPR Printers using IP:** When you select **LPR Printers using IP Protocol**, type the IP Address of the print server into the **LPR Printer's Address** field of the following window. In the **Queue Name** field, type in the Port Name of the post-script printer that is connected to the Print Server. Select the printer model from the dialog box, and select the printer model from the pull-down menu. Click **Add** to complete the process. Close all Print Center windows and select the Printer Port that was just selected. Then, click **Print** to print the document.

The screenshot shows a dialog box titled "LPR Printers using IP". The title bar is circled in red. Below the title bar, there is a text input field labeled "LPR Printer's Address:" with the value "192.168.0.1" and the subtitle "Internet address or DNS name". Below this is a checkbox labeled "Use Default Queue on Server" which is unchecked. Underneath is a text input field labeled "Queue Name:" with the value "Port Name of the connected printer." and this field is circled in red. Below that is a dropdown menu labeled "Printer Model:" with "Generic" selected. At the bottom right, there are two buttons: "Cancel" and "Add". A red arrow points to the "Add" button.

## ***For MAC OS 9 User***

If you use MAC OS 9, you can use the AppleTalk network protocol 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 MAC OS computer connected to your Ethernet network, either directly using an EtherTalk connection or indirectly through a LocalTalk-to-EtherTalk router.

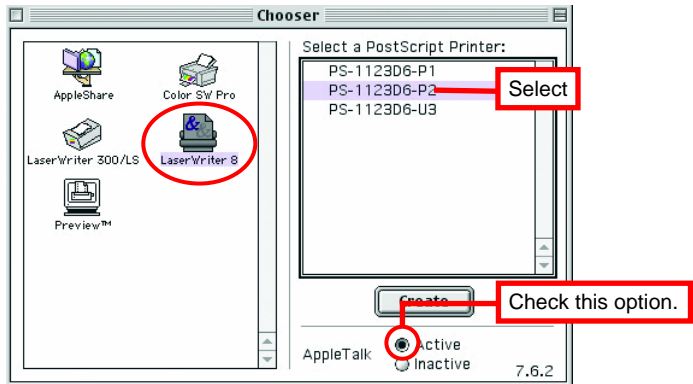
### **To set up the print server to be used for AppleTalk printing:**

1. Please confirm that the AppleTalk protocol is enabled in your Macintosh computer.
2. Change the IP Address on one of the computers within your network to **192.168.1.x** (where **x** is any number between 2-200).
3. Type **192.168.1.254** (the default IP Address) into the address field of your browser.
4. Select the **Network** tab and scroll to the AppleTalk protocol section.
5. If your AppleTalk network is divided into AppleTalk zones, you 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, it should contain a single asterisk “\*”).

## To print from MAC OS Client Workstations:

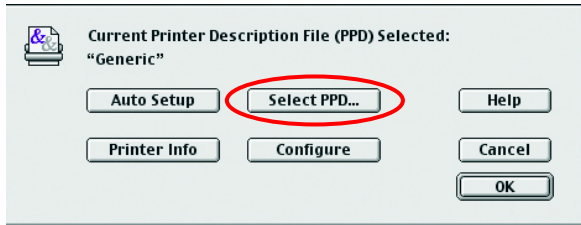
The actual settings of selecting a PostScript printer connected to your print server may be different from the instructions provided in this section, depending on the devices and the software you are using.

1. To choose a printer connected to your print server as your MAC OS workstation's default printer, select **Chooser** from the Apple menu.
2. In the left column of **Chooser** window, select the desired item. Please confirm that AppleTalk is set to **Active**. A list of all networked PostScript printers will be displayed within the right column.

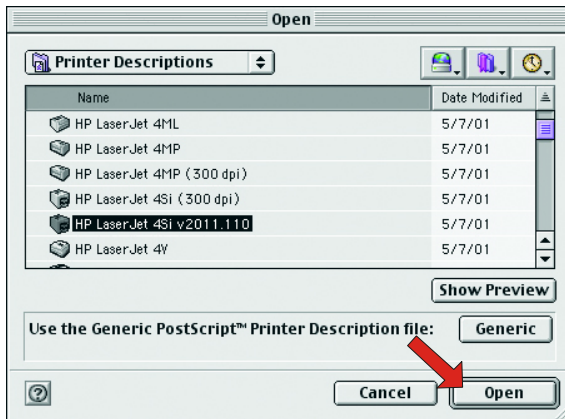


3. Double-click the name of the **Printer Port** you wish to use. The **Printer Ports** shown are examples only.

4. 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**.



5. 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.)



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

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# WEB CONFIGURATION

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You can access and manage the USB Print Server through: 1) the enclosed software PS-Utility, and 2) a web browser. This chapter describes the second method – the Web Configuration Utility, and explains how to set up your print server with the web browser.

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## Web Configuration Utility

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First, launch your web browser (such as the Internet Explorer 6.0 used in this manual). Then, type ***http://192.168.1.254*** (the default IP address) in the Address bar and press [Enter] to enter the Management screen of the Configuration Utility.

***TIP:*** *The computer's IP address must correspond with the print server's IP address in the same segment for the two devices to communicate. Extensive knowledge of LAN will be helpful in configuring the print server.*

# Management

Management	Configuration	Tools	Help
<b>Management</b> <a href="#">System</a> <a href="#">Network</a> <a href="#">User</a>	<b>Device Status</b> Server Name : PS-0302A3 Model : APSUSB201 Firmware Version : 3.03 (2004-03-12) MAC Address : 00 03 1B 03 02 A3 IP Address : 192.168.1.254 (Manual) Up Time : 0 days, 00:01:11 <b>Printer Status</b> USB : Printer Name : PS-0302A3-U1 Printer Speed : Full Speed (12M bps) <a href="#">Printer Status</a>   <a href="#">On Line</a> Total Print Jobs : 0 Total Print Size : 0 KBytes Printing Status : Idle Name : MAC : IP : Protocol : Spooling Size : 0 Bytes Printing Size : 0 Bytes <b>Ethernet Status</b> Link : Yes Speed : 100M bps Duplex : Yes Tx Packets : 104 Tx Errors : 0 Rx Packets : 95 Rx Errors : 0 <input type="button" value="Refresh"/>		

## **The Management Screen of the Configuration Utility**

The Management screen displays the basic information of the print server, including the following three categories:

- **System**
- **Network**
- **User**

## **Management → System**

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

### **Device Status**

The information about the print server, including the firmware version, MAC/IP address, and up time, can be found in this field.

### **Printer Status**

The items in this field display the information of the printer, such as the given name for the printer, speed, printer status, and 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.

# Management → Network

Click the **Network** item to display the information of the LAN. Clicking **Refresh** will update the information.

Management	Configuration	Tools	Help
<b>Management</b>	<b>Auto IP</b>		
System	DHCP/BOOTP	: Disable	(IP : 0.0.0.0)
<b>Network</b>	UPnP	: Enable	(IP : 192.168.0.101)
User	MAC Rendezvous	: Enable	(IP : 169.254.35.164)
	<b>TCP/IP Printing</b>		
	LPR Printing	: Status	: Running
		Total Print Jobs	: 0
		Total Print Size	: 0 KBytes
	Port (9100) Printing	: Status	: Running
		Total Print Jobs	: 0
		Total Print Size	: 0 KBytes
	IPP Printing	: Status	: Running
		Total Print Jobs	: 0
		Total Print Size	: 0 KBytes
	FTP Printing	: Status	: Running
		Total Print Jobs	: 0
		Total Print Size	: 0 KBytes
	E-mail Printing	: Status	: Running
		Total Print Jobs	: 0
		Total Print Size	: 0 KBytes
	<b>Microsoft Network Printing</b>		
	SMB (Over NetBEUI) Printing	: Status	: Running
		Total Print Jobs	: 0
		Total Print Size	: 0 KBytes
	SMB (Over NBT) Printing	: Status	: Running
		Total Print Jobs	: 0
		Total Print Size	: 0 KBytes
	<b>MAC AppleTalk Printing</b>		
	AppleTalk Printing	: Status	: Running
		Total Print Jobs	: 0
		Total Print Size	: 0 KBytes
	<input type="button" value="Refresh"/>		

## **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.

# Management → User

Click the **User** item in the left column to display the user(s) information.

Management	Configuration	Tools	Help		
Management System Network User	<b>Users Printing Log</b>				
	MAC	IP	Name	Jobs	Size(KBytes)
	<input type="button" value="Refresh"/>				

## 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.

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# Configuration

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## Configuration → System

Management	Configuration	Tools	Help
<b>Configuration</b>	<b>System Device</b>		
System	Server Name : PS-0223A4		
Network	Location : <input type="text"/>		
User	Admin Contact : <input type="text"/>		
E-mail	Password : New Password : <input type="text"/>		
SNMP	Confirm Again : <input type="text"/>		
	<b>Port Setting</b>		
	USB : Port Name : PS-0223A4-U1		
	Description : <input type="text"/>		
	PJL Printer : No		
	<input type="button" value="Save"/> <input type="button" value="Cancel"/>		

### System Device

In this field, you can configure the basic information of your print server.

- **Server Name:** Assign a name to the print server.
- **Location** (optional): Assign a location for the print server
- **Admin Contact** (optional): Assign the Admin Contact's 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 **PJL Printer** setting (*Yes* or *No*).

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

# Configuration → Network

The screenshot shows a network configuration window with a menu bar at the top containing 'Management', 'Configuration', 'Tools', and 'Help'. On the left is a sidebar with a 'Configuration' header and several menu items: 'System', 'Network' (highlighted), 'User', 'E-mail', and 'SNMP'. The main area is divided into three sections: 'TCP/IP', 'Microsoft Network', and 'AppleTalk'.  
- **TCP/IP**: Includes 'IP Address' (with 'Manually Assign' selected and fields for IP Address: 192.168.1.254, Subnet Mask: 255.255.255.0, and Default Gateway: 0.0.0.0), 'DNS Server Address' (with two fields set to 0.0.0.0), 'UPnP' (Enable selected), 'MAC Rendezvous' (Enable selected), and 'Second HTTP Port' (Disable selected, with a 'Port Number' field set to 0).  
- **Microsoft Network**: Includes 'Workgroup' set to 'WORKGROUP'.  
- **AppleTalk**: Includes 'AppleTalk Zone' (with a '\*' in the field), 'USB' (Chooser Name: PS-0302A3-U1), 'Printer Type' (LaserWriter), 'PostScript Level' (Level 2), and 'Font Group' (Standard 35).  
At the bottom are 'Save' and 'Cancel' buttons.

## TCP/IP

This field contains three options that allow you to configure the TCP/IP setting: **IP Address**, **UPnP**, and **MAC Rendezvous**.

- **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.

## **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**
  - **Chooser Name:** Display the print server's Port 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 **Save** to store the settings, or **Cancel** to abandon.

# Configuration → User

The screenshot shows a web-based configuration interface with a top navigation bar containing 'Management', 'Configuration', 'Tools', and 'Help'. On the left is a sidebar menu with 'Configuration' selected, and sub-items for 'System', 'Network', 'User', 'E-mail', and 'SNMP'. The main content area is divided into two sections: 'Printing Control' and 'Define Users'. The 'Printing Control' section has two radio button options: 'Enable User Printing Control' (set to 'No') and 'Allow Undefined Users Printing' (set to 'No'). Below these are 'Save' and 'Cancel' buttons. The 'Define Users' section includes an 'Add User' form with fields for 'User Name', 'MAC Address', and 'Printing Access' (set to 'Yes'), and a 'Delete User' dropdown menu with a 'Delete' button. At the bottom is a 'User List' table with columns for 'Name', 'MAC', and 'Printing Access'.

## 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. For the user(s) who is not in the User List, you can also limit the access right by setting the **Allow Undefined Users Printing** option to *Yes* or *No*.

## 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.

**TIP:** Once you have changed the settings in each option, click **Save** to store the settings, or **Cancel** to abandon.

## Configuration → E-mail

Management	Configuration	Tools	Help
<b>Configuration</b> System Network User E-mail SNMP	<b>E-mail Account</b> Print Server E-mail Address : <input type="text"/>  Incoming E-mail (POP3) Server Address : <input type="text"/> Outgoing E-mail (SMTP) Server Address : <input type="text"/>  Account Name : <input type="text"/> Password : <input type="text"/>  <b>E-mail Notification</b> Enable e-mail notification for printer status changing : <input type="radio"/> Yes <input checked="" type="radio"/> No Notification e-mail will be sent to Admin's e-mail address. Admin E-mail Address : <input type="text"/> (Use ';' to separate multiple e-mail address)  <b>E-mail Printing</b> E-mail Printing (ASCII Text Only) : <input checked="" type="radio"/> Enable <input type="radio"/> Disable Receive E-mail Interval : <input type="text" value="15"/> (minutes)  <input type="button" value="Save"/> <input type="button" value="Cancel"/>		

### E-mail Account

You can assign an E-mail address to the print server, so that your mail of the account can be printed out directly through the printer (ASCII text 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, you have to input the **Account Name** and **Password**.

## **E-mail Notification**

You can set the print server to send an alter message when the printer status changes through E-mail. To enable this function, set the **Enable e-mail notification for printer status changing** option to *Yes*. Then, input the administrator's E-mail 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 minute) to check/receive E-mail regularly.

***TIP:*** Once you have changed the settings in each option, click **Save** to store the settings, or **Cancel** to abandon.

# Configuration → SNMP

Management	Configuration	Tools	Help
Configuration	<b>SNMP Management</b>		
System	Community 1 Name : public		
Network	Community 1 Access Right : Read/Write		
User	Community 2 Name :		
E-mail	Community 2 Access Right : Read Only		
SNMP	Community 3 Name :		
	Community 3 Access Right : Read Only		
	Save 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.

**TIP:** Once you have changed the settings in each option, click **Save** to store the settings, or **Cancel** to abandon.

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# Tools

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## *Tool → Print Test*

Management	Configuration	Tools	Help
<b>Tools</b>			
<b>Print Test</b>			
Port Selection			
<input checked="" type="radio"/> USB			
USB port print test requires Native DOS mode support on your printer.			
<input type="button" value="Test"/>			

### **Print Test**

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

# Tool → E-mail

Management	Configuration	Tools	Help
<b>Tools</b>			
<a href="#">Print Test</a>			
<b>E-mail</b>			
<a href="#">Reset</a>			
<a href="#">Factory Reset</a>			
<a href="#">Firmware Upgrade</a>			
<a href="#">Backup</a>			
<b>Test E-mail Account</b>			
E-mail test will send an e-mail to Admin's e-mail address. Do you want to test e-mail account?			
<input type="button" value="Test"/>			
<b>Receive E-mail</b>			
Do you want to receive e-mail and print out?			
<input type="button" value="Yes"/>			

## Test E-mail Account

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

## Receive E-mail

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

# Tool → Reset

The screenshot shows a web interface with a top navigation bar containing 'Management', 'Configuration', 'Tools', and 'Help'. On the left, a sidebar titled 'Tools' lists several options: 'Print Test', 'E-mail', 'Reset', 'Factory Reset', 'Firmware Upgrade', and 'Backup'. The 'Reset' option is highlighted. The main content area, also titled 'Reset', displays the question 'Do you want to reset this device?' and a 'Yes' button.

## Reset

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

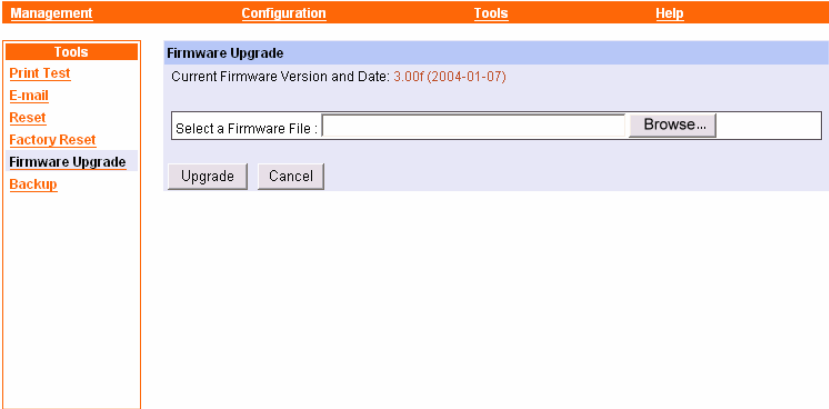
# Tool → Factory Reset

The screenshot shows a web interface with a top navigation bar containing 'Management', 'Configuration', 'Tools', and 'Help'. On the left, a 'Tools' sidebar lists 'Print Test', 'E-mail', 'Reset', 'Factory Reset' (highlighted), 'Firmware Upgrade', and 'Backup'. The main content area is titled 'Factory Reset' and contains the question 'Do you want to restore this device to factory default setting?' with a 'Yes' button.

## Factory Reset

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

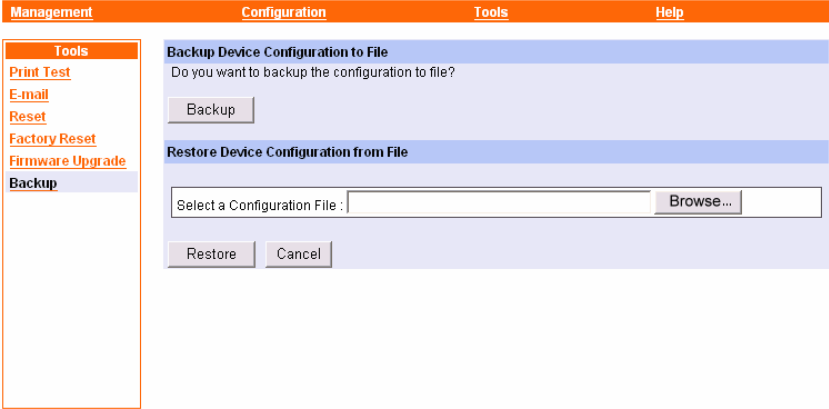
# Tool → Firmware Upgrade



## Firmware Upgrade

When a new version of firmware is available (e.g. downloading from the manufacturer’s website), you can upgrade the firmware of your print server. Click **Browse** to point to the firmware file, and then click **Upgrade**.

# Tool → Backup



## Backup Device Configuration to File

Click **Backup** 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 **Restore**.

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# Help

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<a href="#">Management</a>	<a href="#">Configuration</a>	<a href="#">Tools</a>	<a href="#">Help</a>
<b>Help</b>	<b>About</b>		
<b>About</b>	Print Server v3.00f		

This screen displays the information of the print server.

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# ***PRODUCT SPECIFICATIONS***

## ***Printer Connection***

**Printer Interface:** One USB port, compliant with USB 2.0 Hi-speed standard.

## ***Network Connection***

**Network Interface:** One 10/100 Fast Ethernet port (RJ-45 connector).

**Network Data Transfer Rate:** 100Mbps.

## ***Network Protocol Support***

**Transport Protocols:** TCP/IP, SMB, NetBEUI, and AppleTalk.

**TCP/IP Protocols Support:** BOOTP, SNMP, Telnet, FTP, LPD, DHCP, and IPP.

## ***Hardware***

**SDRAM:** 8MB.

**Flash ROM:** 2MB.

## ***Operating System Support***

- Windows 95/98/ME, Windows NT, Windows 2000/XP/2003;
- NetWare 5.x (NDPS LPR remote printing);
- HP-UX Unix, Sun O.S., Solaris, SCO Unix, AIX;
- Unixware and Linux;
- Mac OS, AppleTalk.

## ***Management***

**Standard:** SNMP

**MIBs:** MIB-II (RFC 1213).

**Utilities:** PS-Utility, PS Wizard.

## ***LEDs***

Power, USB, LAN

## ***Environmental and Physical***

**Power Supply:** 5VDC.

**Operating Temperature:** 0°C to 50°C.

**Storage Temperature:** -25°C to 55°C.

**Humidity:** 5% to 95%, non-condensing at 30°C.

## ***EMI Compliance***

FCC Class B, CE Class B, VCCI Class B

# Appendix

## Technical Support

E-mail: [support@airlinkplus.com](mailto:support@airlinkplus.com)

Toll Free: 1-888-746-3238

Web Site: [www.airlinkplus.com](http://www.airlinkplus.com)