TP-LINK®

Quick Installation Guide

TL-WPS510U

Pocket-sized Wireless Print Server
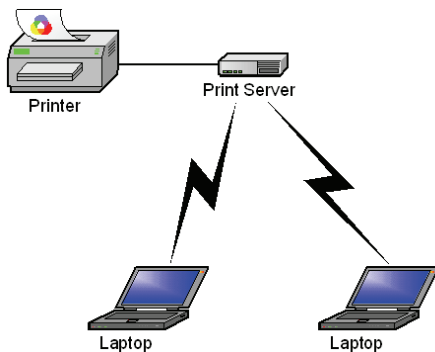
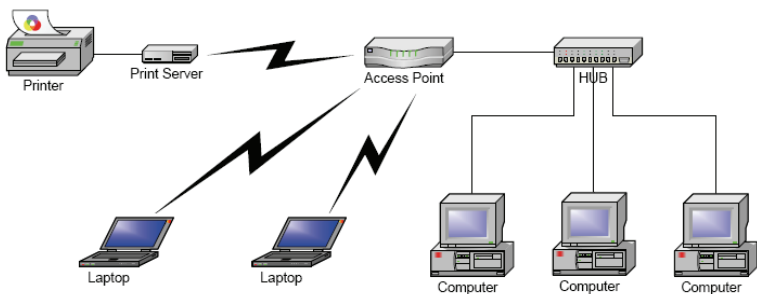## 1. Before you start, you should prepare the following items

➢ Windows 2000/XP/2003/Vista computer with print server setup CD

➢ USB Printer(non-GDI/CAPT)

➢ USB Printer cable

➢ One 802.11b/g Access Point (optional)

2. Wireless Network with Print Server

Ad-Hoc mode (Peer to Peer) – Factory Default:

Infrastructure mode (Access Point):

3. Factory Default Settings

➢ Username: admin

➢ Password: 0000

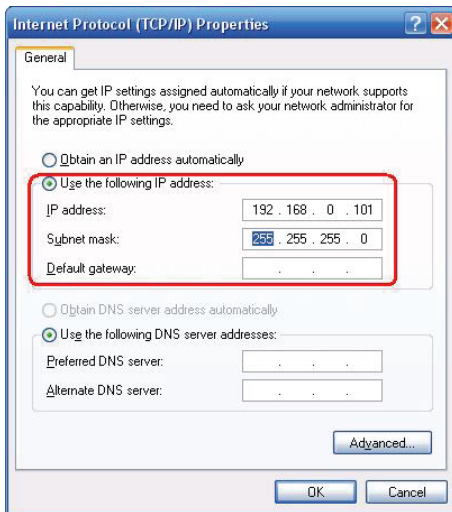➢ Wireless Mode: Ad-Hoc (Peer-to-Peer)

➢ Channel: 1

➢ SSID: WLAN-PS

➢ IP Address: 192.168.0.10
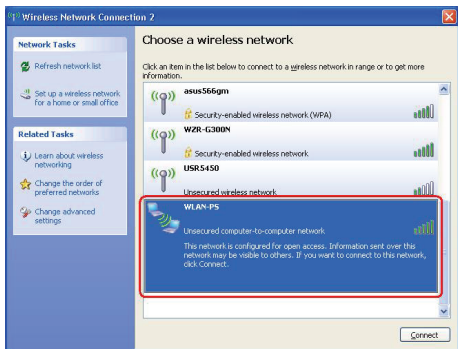
➢ Subnet Mask: 255.255.255.0

4. Hardware Installation

1) Turn off the printer's power.

2) Connect the print server to your printer with the supplied printer cable.

3) Turn the printer's power on.

4) Plug the AC power adapter into the power connector on the print server.

5) Wait 40 seconds as part of the print server's Power On Self Test (POST).

5. Prepare Your Computer to Connect Wireless Print Server first (Wireless Ad-Hoc Mode)

1) Please specify a proper IP address for your wireless adapter, e.g. 192.168.0.101.

2) Find the wireless print server by Windows Zero Configuration or vendor utility of wireless adapter. Then click **Connect**.
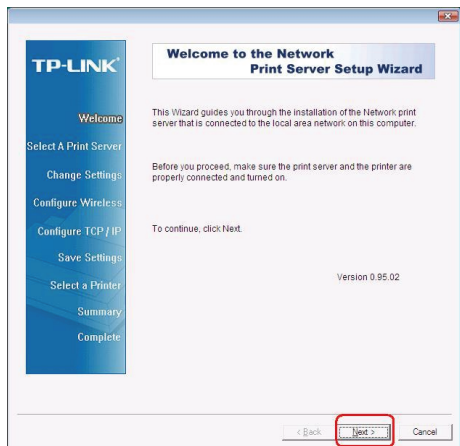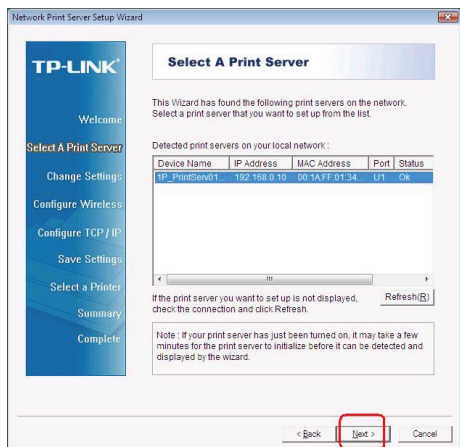
6. Software Installation

1) To enable network communication with print server, your computer must have a proper IP address, e.g. 192.168.0.100 (the print server's default IP is 192.168.0.10)

2) Insert the setup CD into your CD-drive. The auto-run program will be started.

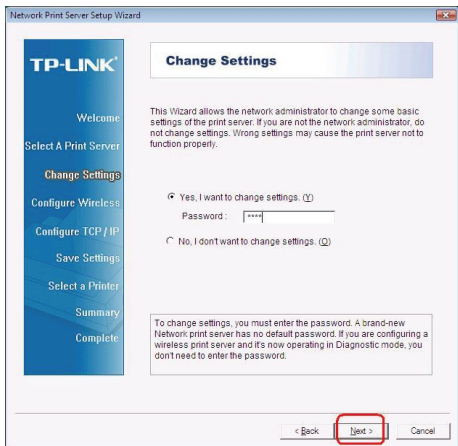3) Choose **Installation** to install the print server and configure the connected printer.

4) Click **Next**, the wizard will automatically discover the print server.

5) From the **Select A Print Server** screen, select the print server port that you want to configure and click **Next**.

6) On the **Change Settings** screen, select **No** or **Yes**:

- ➢ Click **No** if you want the wireless print server to keep using the default IP address and the default settings:

  - Username: admin
  - Password: 0000
  - Ad-Hoc mode
  - Channel: 1
  - SSID: WLAN-PS

  - Encryption: none
  - DHCP client: off
  - IP address: 192.168.0.10
  - Subnet Mask: 255.255.255.0

- ➢ Or click **Yes** if you want change wireless settings or assign a static IP address to the print server:

  - On the **Basic Wireless Settings** screen, select **Communication Type** according to your network:
    - Infrastructure
    - Ad-Hoc

  - Enter the proper **SSID** of your wireless network.
    - **Channel**: optional
    - **Data Transmit Rates**: select Auto or others
    - **Transmit Mode**: select Auto or others

  - On the **Wireless Security** screen, enable or disable WEP/WPA/WPA2 encryption, configure according to your wireless network and click **Next**.

  - On the **TCP/IP Settings** screen, specify a fixed or dynamic IP address for the print server, a fixed IP address is highly recommended. Click **Next**.
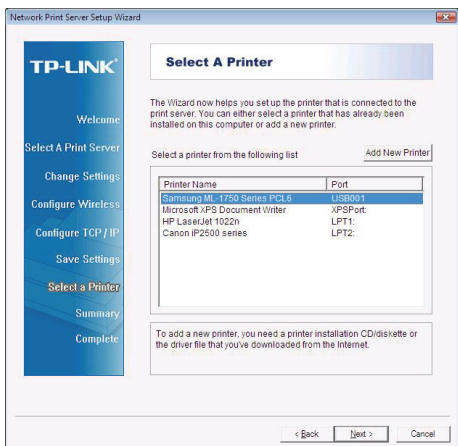
☞**Note:**

The IP address of print server must be within the same subnet as your network adapter.

7) In the setup wizard, select an already configured printer from the list, click **Next**, **Next** and then **Finish** to complete the installation.
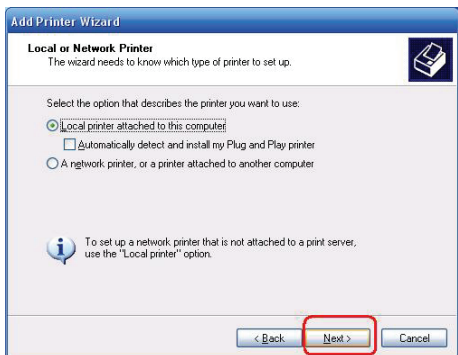
   or

   Select **Add New Printer** if the print server is connected to a printer that hasn't been installed before and does not appear in the list.
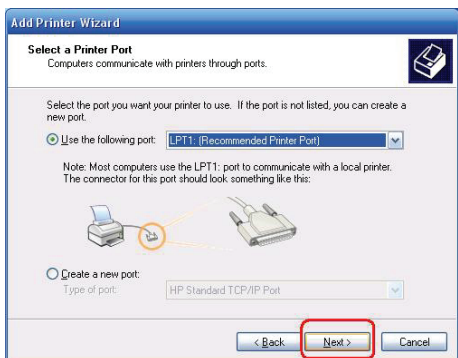

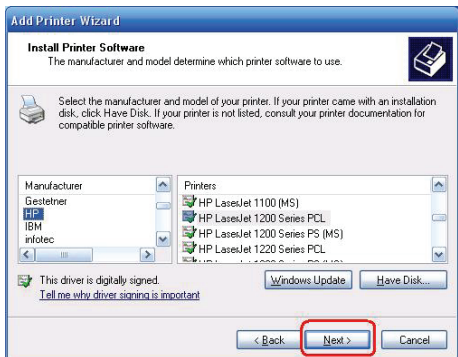8) Click **Add New Printer** to launch **Windows Add Printer Wizard**.

9) Click **Next** and select **Local Printer**, make sure the **Automatically detect and install my Plug and Play printer** check box is **NOT** checked. Then click **Next**.
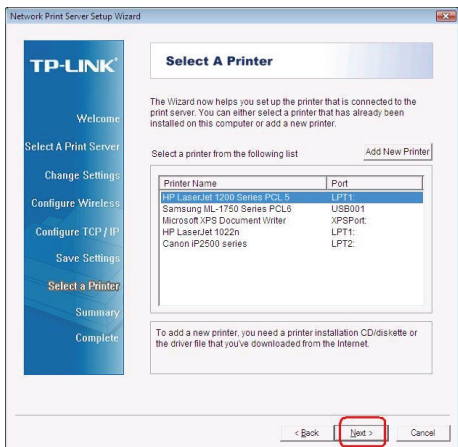
10) Make sure the **Use the following port** radio-button is clicked and select **LPT1: (Recommended Printer Port)** from the pull-down list. Then click **Next**.
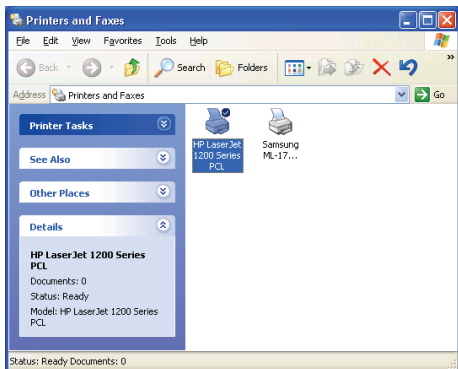

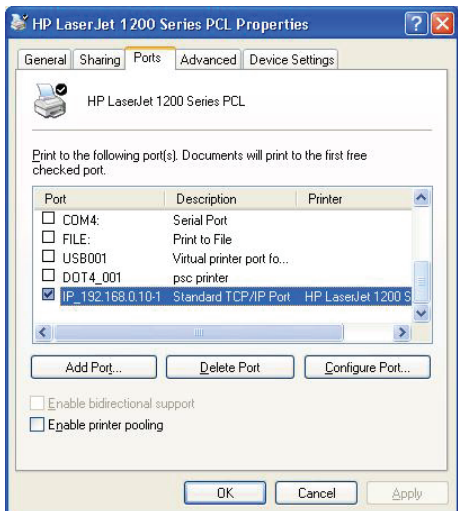11) Select **Manufacturer** and **Printer** from the lists of printer's driver. Then click **Next**.

12) If you already have the printer's driver installed, you will be asked whether to keep it or to replace it. Click **Next**. Supply a name for the printer and choose whether you want to make it your default printer. Then click **Next**.

13) Then, choose whether you want to share the printer with other network users, print a test page (please select **No**.), etc. Select the appropriate radio-button and click **Next** and **Finish**.

14) In the setup wizard, finish the installation by highlighting the installed printer in the **Select a Printer** list and click **Next**, **Next** → **Finish**.

15) From Windows system, go to **start** → **Printers and Faxes** and highlight your newly installed printer.

16) Right-click, select **Properties** → **Ports** and verify that the print server's port appears.

17) Go to **General**; click **Print Test Page** to verify the configuration.

18) Done.

☞ **Note:**

If you wish to install more print servers, start setup wizard from your Windows Start menu: **start → All Programs → Network Print Server → Standard TCP/IP Printer Port → PSWizard** and repeat the installation procedure.

How to create print server port manually?

1. From your Windows Start menu: **start → All Programs → Accessories → System Tools → Control Panel → Hardware and Sound → Printers**.

2. Find your installed printer icon, right-click, select **Properties → Ports → Add Port → Standard TCP/IP Port → New Port → Next**.

3. Input the exact IP address of print server that you configured it. Click **Next**.

4. Select **Custom**, and click **Settings**.

5. Choose **LPR**, and input the queue name as **lp1**.

6. Click **OK → Next → Finish**, to complete the wizard.

7. Click **Close → Apply**.

8. Now, the print server port has been created.

How to know the current settings of print server?

1. Plug the AC power adapter into the power connector on the print server.

2. Wait 40 seconds as part of the print server's Power On Self Test (POST).

3. Press the reset button for 8 seconds, and then release it.

4. Then, the test page includes the current settings of print server will be printed out.

COPYRIGHT & TRADEMARKS

Specifications are subject to change without notice. **TP-LINK**® is a registered trademark of TP-LINK TECHNOLOGIES CO., LTD. Other brands and product names are trademarks of their respective holders.

No part of the specifications 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 TP-LINK TECHNOLOGIES CO., LTD. Copyright © 2008 TP-LINK TECHNOLOGIES CO., LTD. All rights reserved.

http://www.tp-link.com

FC CE

This equipment may be operated in all EU countries (and other countries following the EU directive 1999/5/EC). Usage in the following countries might be subject to restrictions: FR, IT, NO. See detail information in product's document of resource CD or www.tp-link.com.

* All contents and specifications are subject to change without notice. Other brands and product names are trademarks or registered trademarks of their respective owners.