User Guide

ICSP

YPS-1022 Series
Monochrome Laser Printer

It is recommended that you read this Guide carefully before using the printer

Preface

Welcome to the ICSP YPS series products!

We heartily appreciate your using of ICSP YPS series products!

To protect your vital interests, please carefully read the following statements.

Legal Notice

Trademark

Microsoft®, Windows®, Windows Server® and Windows Vista® are trademarks registered by Microsoft Corporation in the United States or other countries/regions.

The ownership to the names of the software in this User Guide belongs to their respective owned companies in accordance with corresponding license agreement, and they are referred for instructions only.

All other product and brand names herein may be the registered trademarks, trademarks or service marks of their respective owners, and they are referred for instructions only.

Copyright

Version: V1.0

Disclaimer

For a better user experience, Shanghai Kaidun Industrial Co., Ltd. reserves the right to make changes to the User Guide. The information contained herein is subject to change without notice.

Users are responsible for any damages arising from failing to follow this User Guide. Meanwhile, except the express warranty made in the product maintenance manual or service commitment, Shanghai Kaidun Industrial Co., Ltd. does not make any express or implied warranty or guarantee to this User Guide (including composing or words).

Using this product to copy, print, scan certain documents or images or make other forms of operations may be prohibited by the local laws. If you are uncertain about the legality of using this product for certain documents or images, you should consult your legal advisor in advance.

Safety Precautions

Laser Safety

The laser radiation is harmful to the human body. Since laser components are completely sealed in the printer, laser radiation will not leak. To avoid laser radiation, please do not randomly disassemble the printer!

The printer follows the provisions of Class 1 laser products under CFR standard. The printer has a Class III B laser diode, which has no laser radiation leakage among laser components.

The following label is attached to the laser components inside the printer:

Safety Warning

Please note the following safety warnings before using the printer:

⚠️ **Warning**	
⚡ There is high-voltage electrode inside the printer. Before cleaning the printer, make sure the power is turned off!	
⚡ Plugging and unplugging the power cord plug with a wet hand can result in an electric shock.	
♨️ The fuser unit is hot when and after printing. Touching the fuser unit (the shaded area as shown) may cause burns!	
♨️ The fuser unit is attached with a high temperature warning label. Please do not remove or damage this label.	

Precautions

Precautions before Using the Printer:

1. Read and understand all instructions;
2. Familiarize yourself with the basic principles associated with operating electrical appliances;
3. Comply with all warnings and instructions marked on the equipment or specified in the manual supplied with the equipment;
4. If the operating instructions conflict with the safety information, please refer back to the safety information, as you may have misunderstood the operating instructions. If you cannot resolve the conflicts, please call the Customer Service Hotline or contact a service representative for help;
5. Before cleaning the equipment, remove the power cord from the AC power supply outlet. Do not use liquid or aerosol cleaners;
6. Please make sure that the equipment is put on a stable desktop surface to avoid serious damage caused by the falling of the equipment;
7. Do not put the equipment near a radiator, an air conditioner, or a ventilation pipe;
8. Do not place any articles on top of the power cord. Do not put the equipment in a place where its power cord will be stepped on by people;
9. Outlets and extension cords must not be overloaded. This may reduce performance and could result in fire or electric shock;
10. Do not allow pets to chew on the AC power cord or the computer interface cable;
11. Do not allow sharp objects piercing equipment slot, so as to avoid contact with the high-voltage device, which otherwise may result in fire or electric shock. Take care not to spill liquids onto the equipment;
12. Do not disassemble the equipment so as to avoid the risk of electric shock. Necessary repairs may only be carried out by professional maintenance personnel. Opening or removing the cover could result in an electric shock or other potential hazards. Incorrect disassembly and assembly could also result in an electric shock during future use;
13. If any one of the following occurs, disconnect the equipment from the computer and pull out the power cord from the AC wall socket and contact a qualified member of the service personnel for maintenance:
    - Liquid has been spilled into the equipment.
    - The equipment has been exposed to rain or water.
    - The equipment falls, or the cover is damaged.
    - Significant changes in the equipment's performance.
14. Only adjust the control mentioned in the instructions. Incorrect adjustment of other controls may result in damage and mean that professional maintenance personnel need to spend more time fixing it;
15. Do not use the equipment in a thunderstorm so as to avoid the risk of an electric shock. If possible, pull out the AC power cord during a thunderstorm;
16. If you continuously print multiple pages, the surface of the tray will become very hot. Take care not to touch this surface, and keep children away from this surface;
17. The signal wire of the device connected with the printer can not be connected to the outdoors;
18. Please ensure timely ventilation in case of a prolonged use or printing huge amounts of documents in a poorly ventilated room;
19. In standby status, the product will automatically enter into the power saving (sleep) mode if it does not receive any job order for a while (such as 1 minute); and it can realize zero power consumption only if it has not been connected with any external input power supply;
20. As the Class 1 equipment, the product must be connected to the power supply outlet with protective grounding line when using;
21. This product should be placed according to the shipping marks on the product package box during delivery;
22. This product is a kind of low-voltage equipment. When using this product below the specified voltage range, please refer to the product precautions or call Aftersales Service Centre, if the toner comes off the printed contents, or the equipment starts slowly;
23. This product is sold as a complete machine. The consumers can go to Aftersales Service Centre to purchase parts they need. If the product sold is inconsistent with the package list, please go to the specified Aftersales Service Centre to solve the problem;
24. Install this product in a place with the temperature between 10°C to 32.5°C, and the relative humidity between 20% to 80%;
25. Please keep this User Guide properly.

Regulatory Information

This symbol indicates that, at the end of your product's life, it must not be discarded as domestic waste. Instead, you should dispose of your used equipment at a designated collection point for the recycling of waste electrical and electronic equipment. Ref: EU Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE). Please contact your distributor / supplier for further information.

This product is suitable for indoor use only.

The product can only be used safely in the non-tropical areas.

The product can only be used at an altitude no higher than 2000 meters.

Table of Contents

Before Using the Printer

1

1. Before Using the Printer

1.1. Packing List

When you open the package, make sure that the following parts are included in the carton:
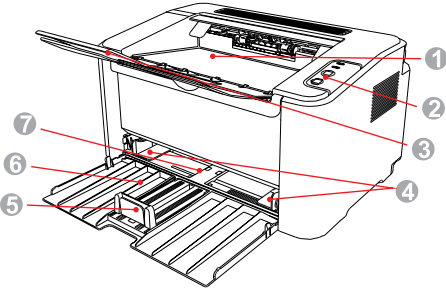
	Name	Quantity
	Printer	1
	Laser Toner Cartridge	1
	USB Interface Cable	1
	Power Cord	1
	CD-ROM	1
	Quick Setup Guide	1
	Warranty	1
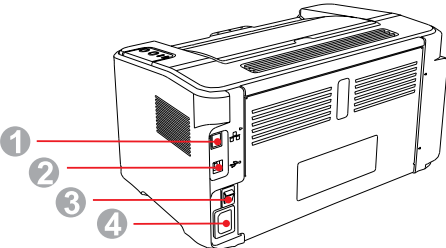
Note: • The Warranty may not be attached in some regions.

1.2. Components of the Printer

| Front View

Serial No.

1	Output Bin
2	Control Panel
3	Output Tray
4	Automatic Feed Guide
5	Paper Stop
6	Feeder Tray
7	Automatic Feeder Tray

| Rear View

Serial No.

1	Network Interface
2	USB Interface
3	Power Switch
4	Power Interface

1.3. Laser Toner Cartridge

| Service Life of the Laser Toner Cartridge

Series Name	P2500 Series
Diagram	
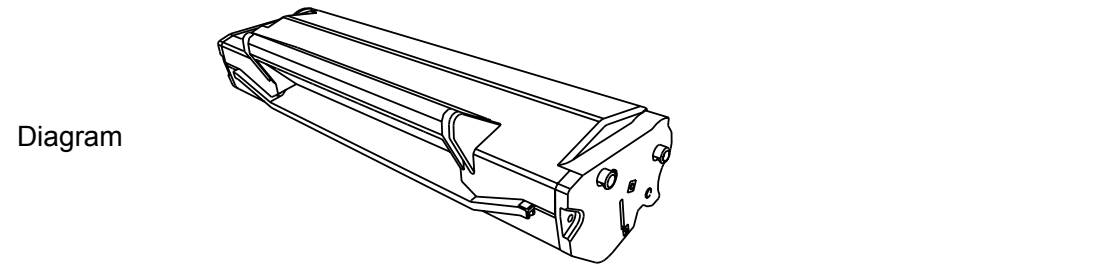
Type	Average Print Volume
Laser Toner Cartridge with Standard Capacity	About 1600 Pages (The above data is based on ISO/IEC 19752 standard)
Laser Toner Cartridge with High Capacity	N/A

Note: • The model is subject to increase without notice.

• Consumables capacity may vary depending on the types used.

• The Company does not recommend using consumables other than that of the original Kaidun consumables.

• Any damages caused by using non-Kaidun original consumables are not covered by the Warranty.

Paper and Print Media

2

2. Paper and Print Media

2.1. Paper Specification

Automatic Feeder Tray	Media Type	Plain, thin, special paper (transparency, cardstock, label, envelope, thick, etc.).
	Media Size	A4,A5,A6,JIS B5,ISO B5,B6, Letter, Legal, Executive,Statement, Monarch envelope, DL envelope,C5 envelope,C6 envelope,NO.10 envelope, Japanese Postcard,Folio,Oficio,Big 16k, 32k,16k,Big 32k,ZL,Yougata4, Postcard, Younaga3, Nagagata3, Yougata2, custom, etc.
	Media Weight	60~163g/m²
	Maximum Capacity of the Tray	150 pages 80g/m²

Note: • It is recommended to use the standard paper for the printer.

• Extensive use of special paper may affect the service life of the printer.

• The print media that does not meet the guidelines set out in this User Guide may result in poor print quality, increased paper jam and excessive wear of the printer.

• Properties such as weight, composition, texture and humidity are important factors affecting the printer performance and output quality.

• Please note the following matters when selecting the print media:

   1. Desired print effect: The print media selected should meet the requirement of the print tasks.

   2. Surface smoothness: The smoothness of the print media may affect the sharpness of the print outcome.

   3. Some print media may meet all the use guidelines contained herein, but they still can not bring satisfactory effect. This may be due to incorrect operation, inappropriate temperature and humidity, or other factors beyond the control of ICSP YPS. Before purchasing large quantities of print media, make sure that the print media meets the specifications specified in this User Guide.

   4. Using print media that does not meet these specifications may cause damage to the printer.

2.2. Special Paper

This printer supports using the special paper for printing. Special paper includes: label, envelope, transparency, thick, cardstock, etc.

✎ Note: • When using special paper or print media, be sure to select matched print type and size in the print settings so as to get the best print effect.

• When using special media to print, it is recommended to load one piece of paper at one time.

| Please observe the following standards:

Types of Print Media	Correct Practices	Incorrect Practices
Label	Use labels with no exposed lining paper only. Labels shall be put flat when using. Use labels of full sheet only. There is no guarantee that all the labels in the market can meet corresponding requirements.	Use wrinkled, blistering or damaged labels.
Envelope	Envelopes should be loaded evenly.	Use wrinkled, nicked, stuck or damaged envelopes. Use envelopes with clips, snaps, windows, or coated linings. Use envelopes with self-adhesive stickers or other synthetic materials.
Transparency	Use only transparencies approved for use in laser printers.	Use transparent print media that is not suitable for laser printers.
Thick, Cardstock	Use only heavy paper that is approved for use in laser printers and meets the weight specifications of this printer.	Use paper whose weight exceeds the recommended media specifications of this printer.

2.3. Loading Paper

2.3.1. Loading into the Automatic Feeder Tray

a) Open the feeder tray.
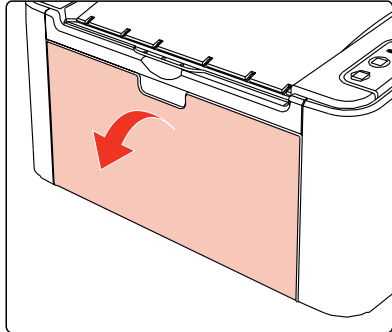
b) Slide the automatic feed guides to match both sides of the paper.
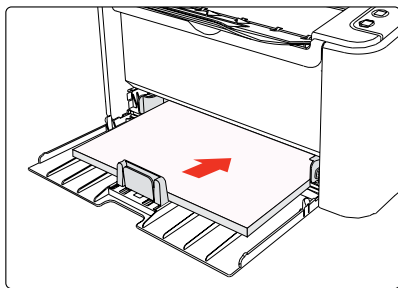
c) Raise the output tray to avoid the paper from slipping and falling.
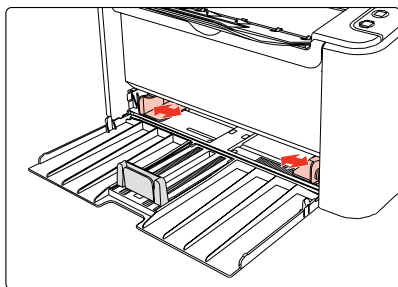
d) Load the paper into the automatic feeder tray with the print-side up.
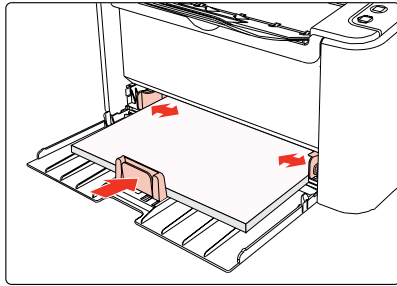
e) Adjust the paper stop to match the paper size.
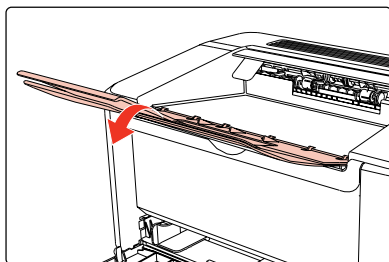
📝 Note: • If the paper loaded into the automatic feeder tray at one time exceeds 150 pages, paper will jam or cannot be fed in.

• When using the printed paper, please make the side to be printed (the blank side) up.

• When printing on A5 paper, it is recommended that the paper is fed in landscape orientation, which can extend the service life of the laser toner cartridge.

2.4. Nonprinting Area

The shaded section indicates the nonprinting area.
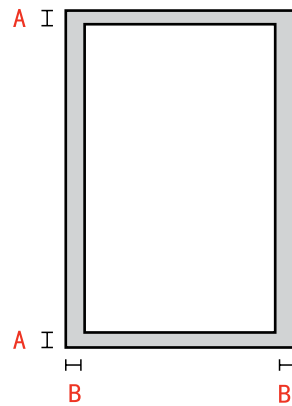
Usage	Paper Size	Top and Bottom Margins (A)	Left and Right Margins (B)
Printing	A4	5 mm (0.197 inch)	5 mm (0.197 inch)
	Letter	5 mm (0.197 inch)	5 mm (0.197 inch)

2.5. Guidelines for Paper Use

• Paper or manuscript with rough texture, concave and convex, oil stain and good smoothness has poor printing performance.

• Please make sure that there is no dust, fluff, etc. on the paper.

• Paper shall be put on a flat surface and stored under a cool and dry environment.

Installation and Uninstallation of the Driver Software

3

3. Installation and Uninstallation of the Driver Software

3.1. Windows-based Driver

3.1.1. Introduction

Driver software helps users to run the installer and uninstaller through the installation and uninstallation wizards, which provides the following modules and main functions:

• Autorun completes the automatic running of the installation CD.

• Installation: Provides users with the installation wizard of the printer driver.

• Uninstallation: Provides users with the uninstallation wizard of the printer driver.

Note: • For users of Windows XP and Windows Server 2003, when connecting the printer device for the first time, New Hardware Wizard Found window will pop up. You should close this window. If this window is not closed, the printer may not be detected, resulting in failure of installation.

3.1.2. Installation Steps

3.1.2.1 USB Model Installation (One Click Installation)

1) Running Interface

After inserting the installation CD, the ICSP YPS interface will pop up and the installation CD will run automatically. See the figure below:

User authentication will be performed before the program runs. If the user is an administrator, this interface will be displayed. If the user is not an administrator, the prompt of "Insufficient privileges. Please install the printer with administrator privileges" will pop up.
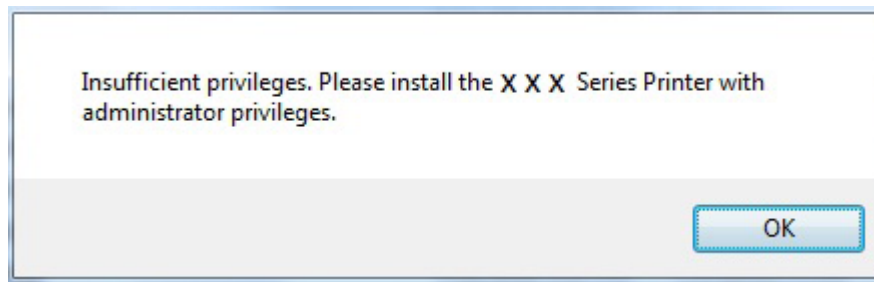
2) Language Interface

When the running completes, the language interface appears where you can choose different languages as you like.
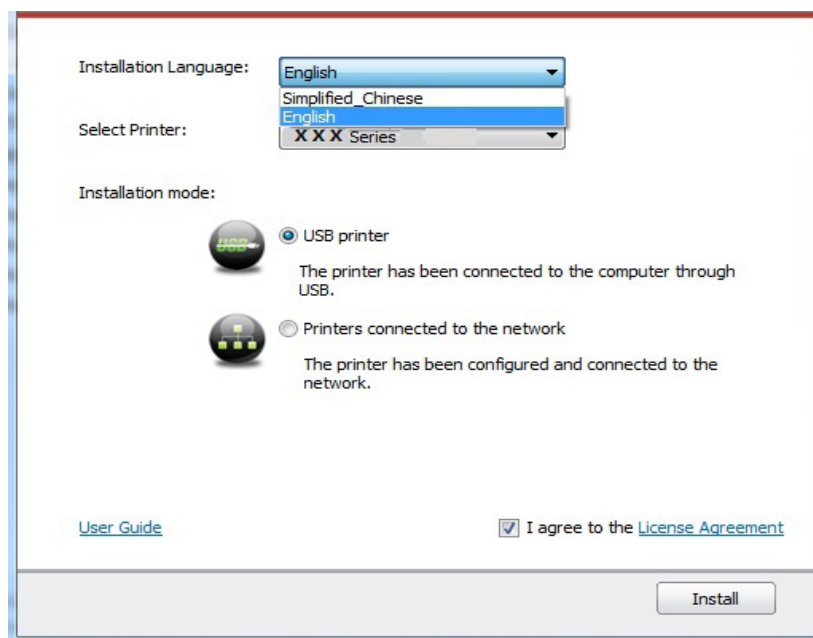
Note: • You can click to see the user guide and the content of the License Agreement.

3) Installation Process Interface

Click Install to enter into the Installation Process interface. This interface is mainly used for the installation of driver softwares.

Tips:

Installing the driver software will take some time. Please be patient.

Please do not turn off the computer or run other operations that may affect normal installation.
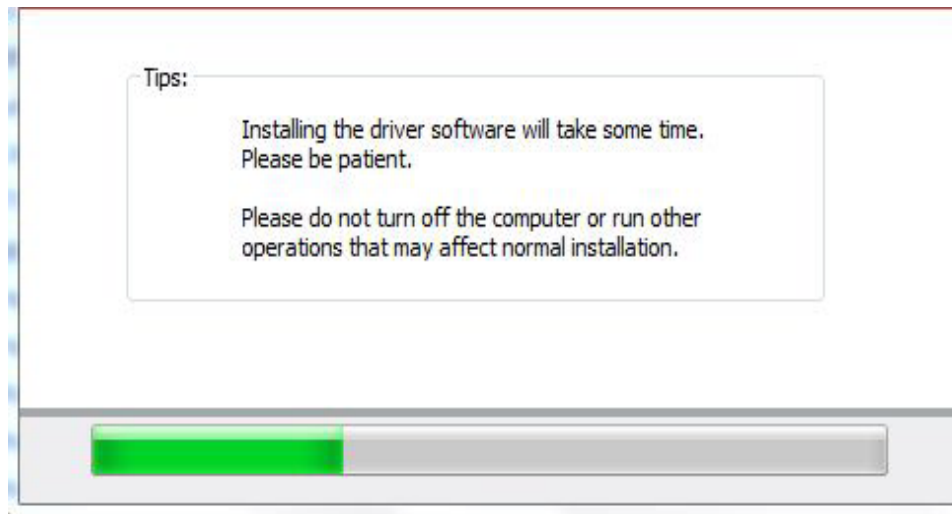
4) Installation Complete

The program will automatically enter into this interface after the driver installation is completed. It will automatically exit in 3 seconds and set the printer as default.

Installation Complete
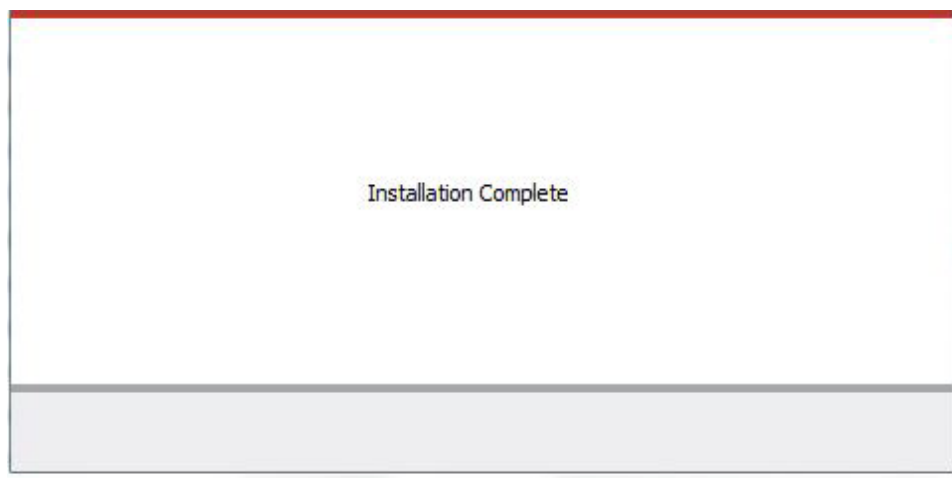
3.1.2.2. NET Model

1) Running Interface

After inserting the installation CD, the ICSP YPS interface will pop up and the installation CD will run automatically. See the figure below:

User authentication will be performed before the program runs. If the user is an administrator, this interface will be displayed. If the user is not an administrator, the prompt of "Insufficient privileges. Please install the printer with administrator privileges" will pop up.

2) Installation Configuration

After the running interface ends, it will enter into Installation Configuration interface. Users will select the corresponding series, language and model according to the purchased printer model.

Installation Instruction:

USB Printer: applicable to USB Model offline or wired installation (the printer disconnected with the computer); or NET Model with USB Installation (disconnected to the Internet).

Printers connected to the network: applicable to Network Installation for NET Model.

3.1.2.2.1. Wired Model Installation (Net)

1) The following interface will display, if users install the Net Model:
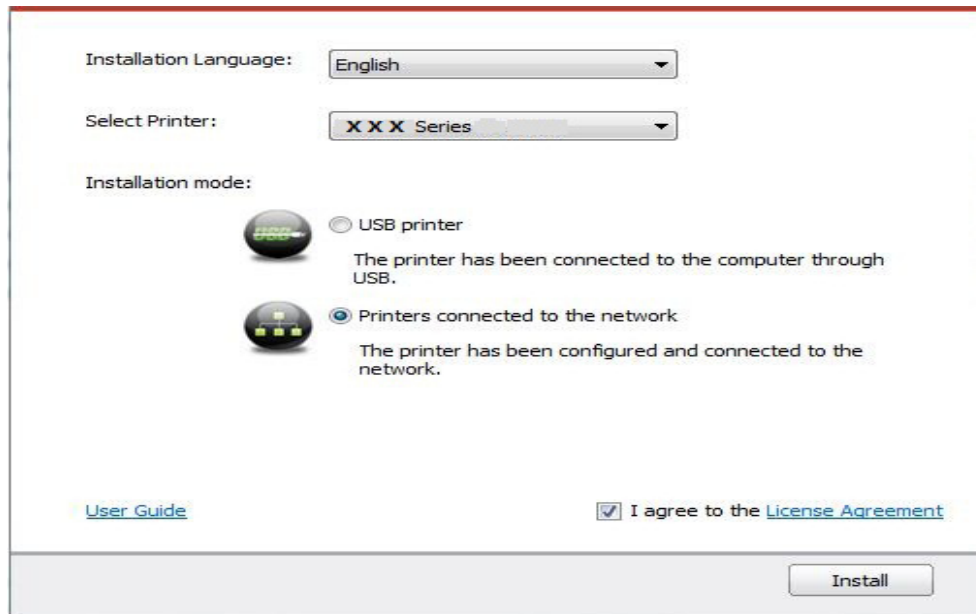
Users select Net Model through "Select Printer" and 2 installation options are available through Installation mode.

2) Search for Printer Interface:
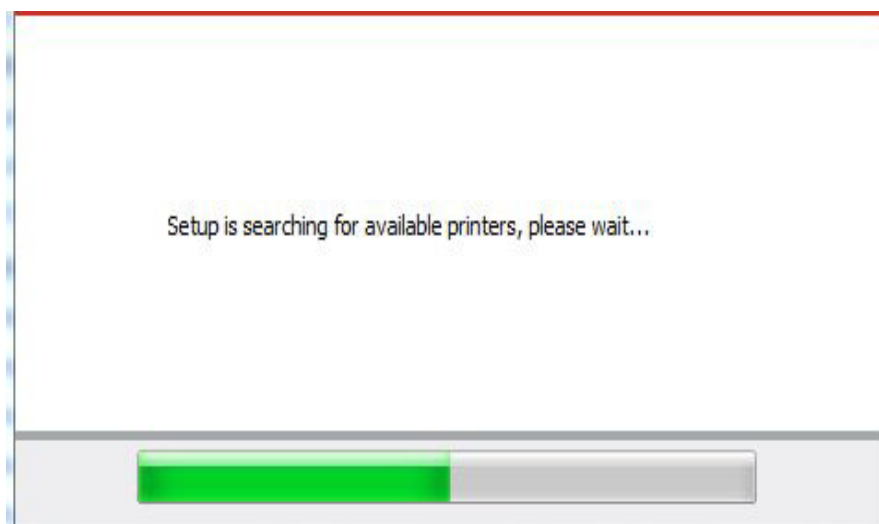
After entering Search for Printers interface, the program will automatically search for printer devices currently connected to the network.

3) Printer List

After searching for printer, the program will automatically enter into "Detected Printer" interface. Users can select the found printer or add printer by manually adding IP or Host Name.

Printer Name	IP Address	Host name
☑ X X X Series 0001	10.10.148.142	X X X-0899EF

☐ Install the printer from the list with a hostname

Refresh

◉ Add the IP address or hostname manually

[Previous] [Next] [Exit]

4) Printer Installation Interface

Click on "Next" in "Printer List" interface, the program will enter into "Printer Installation interface". After installation is completed, it will enter into "Installation Complete" interface, and exit in 3 minutes and set the printer as default.

Installation Complete

3.1.3. Uninstallation

1) Select Uninstallation Mode.

From the Start menu, select ICSP YPS uninstallation icon to enter the uninstallation interface or find Programs and Features and relevant ICSP YPS options in the PC Control Panel, and click on Uninstall/Change. The Delete interface will pop up. Users can select to uninstall the printer that needs to be uninstalled.
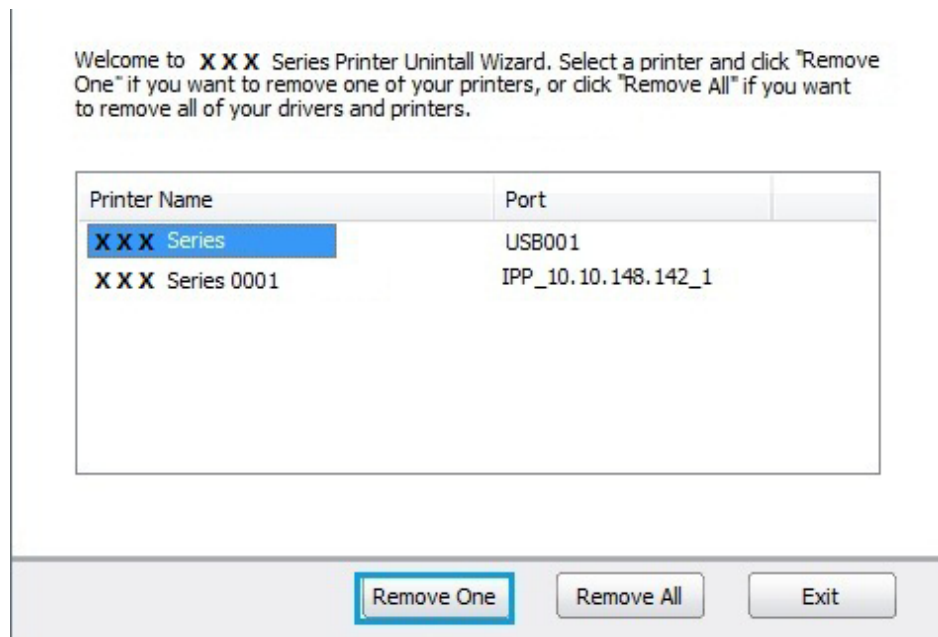
2) Uninstallation Privilege Verification

Uninstallation requires administrator privileges. If a non-administrator runs the uninstaller, this prompt will pop up: "Insufficient privileges. Please uninstall the printer with administrator privileges."

If any task remains in the print queue, a warning will pop up, saying XXX Series laser printer is printing. Please uninstall the driver after the printing is completed."

3) Uninstallation Interface

After selecting the printer, click on "Remove One" or "Remove All" to enter into Uninstallation interface.

Uninstalling, please wait...
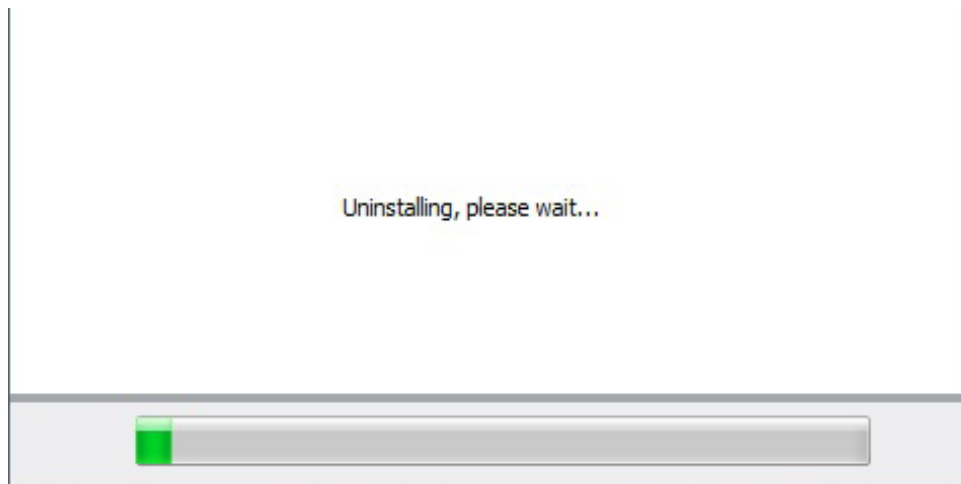
4) Complete Interface

After the uninstallation progress bar completes, the program will automatically switch to Uninstall Complete Interface. Click "Done" to finish the uninstallation successfully.

The **X X X** Series Printer Driver has been successfully uninstalled. Thank you for using the driver.
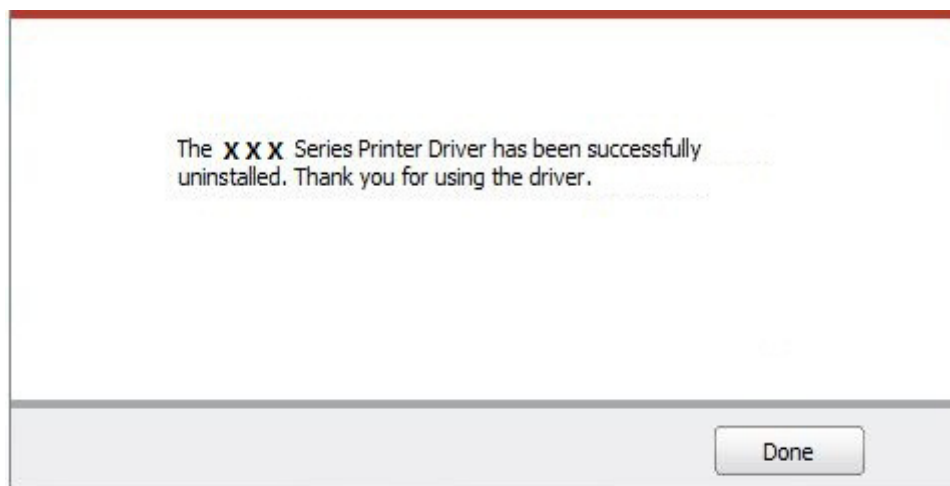
Done

Click "Done" button,the following window will pop up prompting you to restart the computer.

Click "OK" to exit the uninstaller and restart the computer;click "Cancel" to exit the uninstaller.

In order not to affect your use, please restart the computer.

OK   Cancel
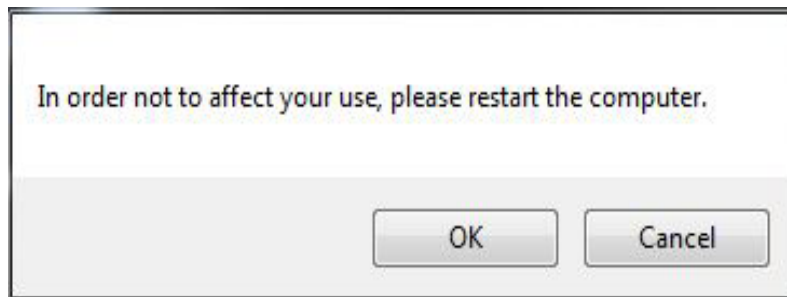
Note: • If you choose not to restart the computer after the uninstallation is completed, an unsuccessful installation or scan abnormality after installation may occur when reinstalling the driver.

3.2. Mac-based Driver

Introduction

Mac driver installer is made by using the PackageMaker software that comes with the Mac System. The installation style is basically consistent with the installation of the ordinary software under Mac.The installation is divided into the following steps: introduction, license, destination select, installation type, installation, summary.

Installation Steps:

1. Introduction

Insert the CD-ROM into the CD-ROM driver, run the CD-ROM and click the installation package for Mac, then the following interface will be displayed:
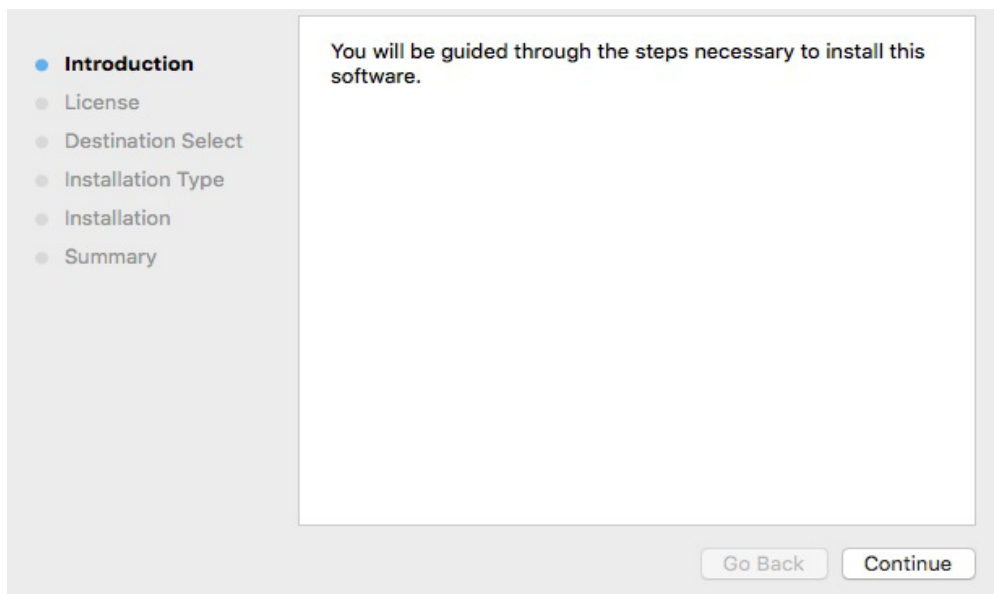
2. License Agreement

Click "Continue" on the above figure to display the contents of the License Agreement, as shown below:
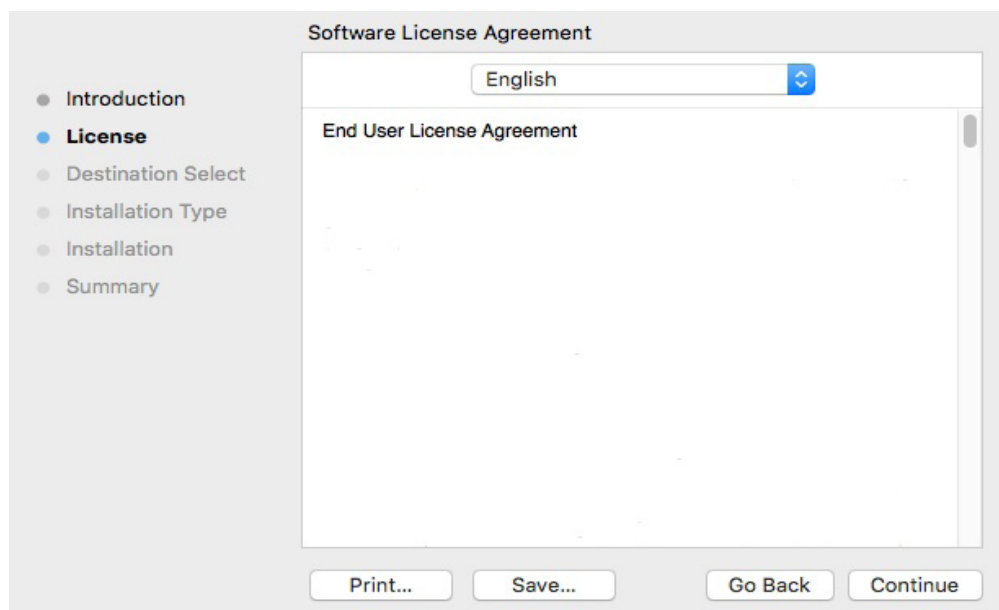
Click "Continue", the dialog box of "To continue installing the software, you must agree to the terms of the Software License Agreement" will pop up.

To continue installing the software you must agree to the terms of the software license agreement.

Click Agree to continue or click Disagree to cancel the installation and quit the Installer.

Read License   Disagree   Agree
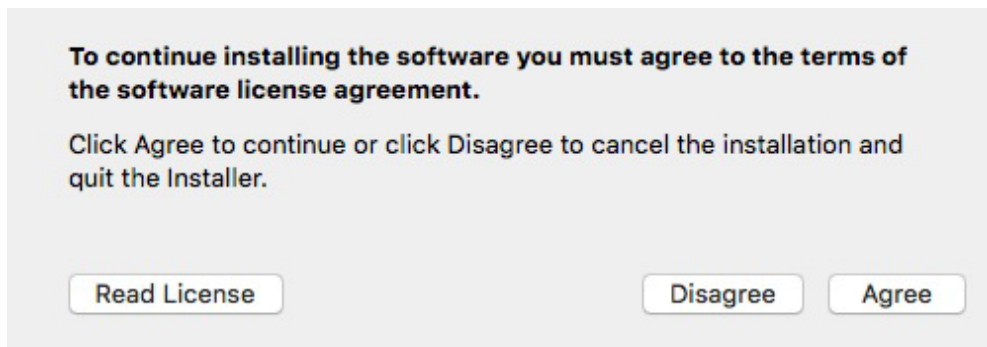
Click "Agree" to accept the License Agreement and continue the installation.

3. Installation Type

Click "Agree" on the above figure to display the installation-related information, as shown below:

Standard Install on "Mac 10.11"

- Introduction
- License
- Destination Select
- **Installation Type**
- Installation
- Summary

This will take 1 MB of space on your computer.

Click Install to perform a standard installation of this software on the disk "Mac 10.11".

Change Install Location...
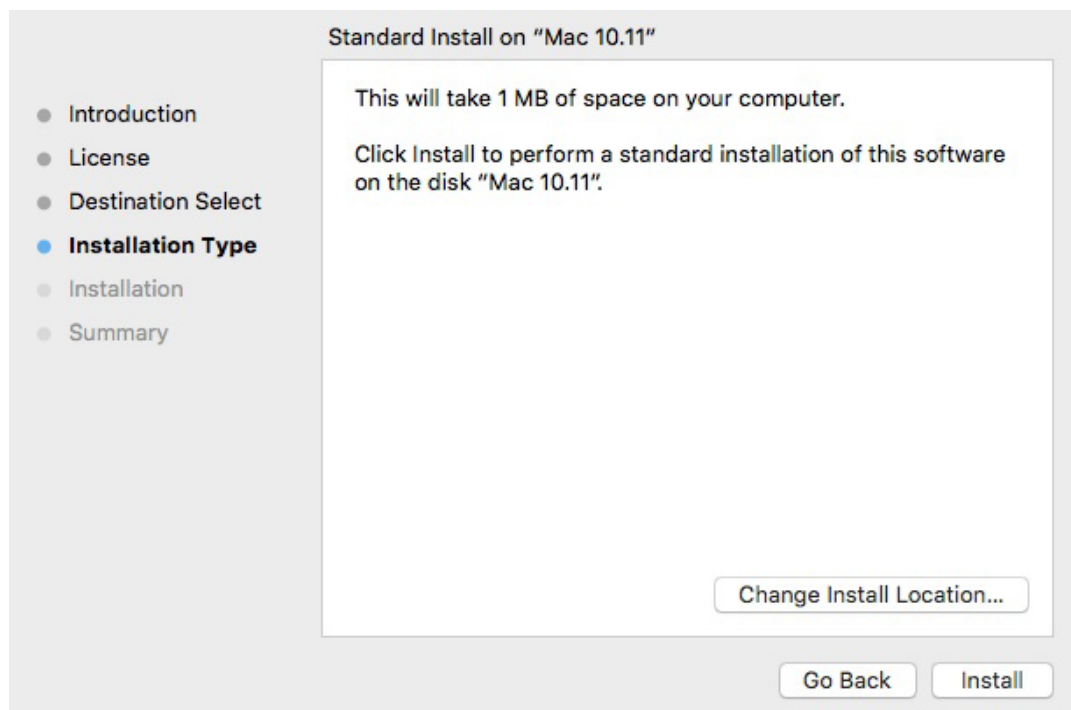
Go Back   Install

Click "Install", the following prompt box will pop up. Only after getting permission from the administrator user can you continue with the installation.
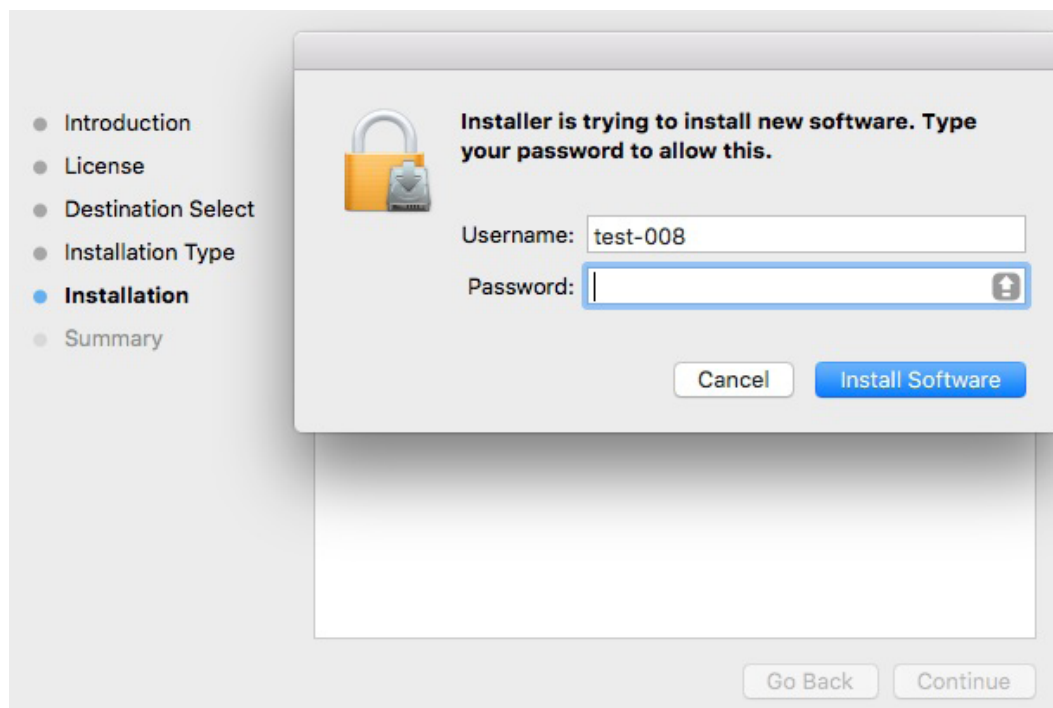
4. Installation

Click "Install Software" after filling in relevant information on the above figure, the installation progress will be displayed, as shown below:
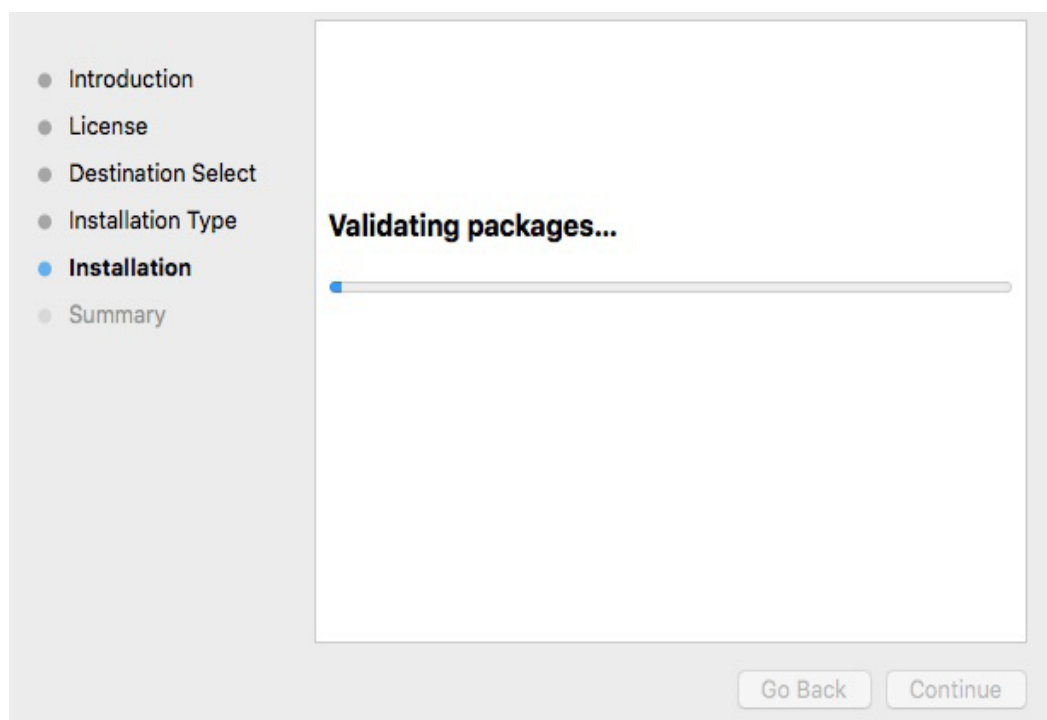
5) Summary

After successful installation is displayed.Click on "Restart" to complete the installation, as shown below:
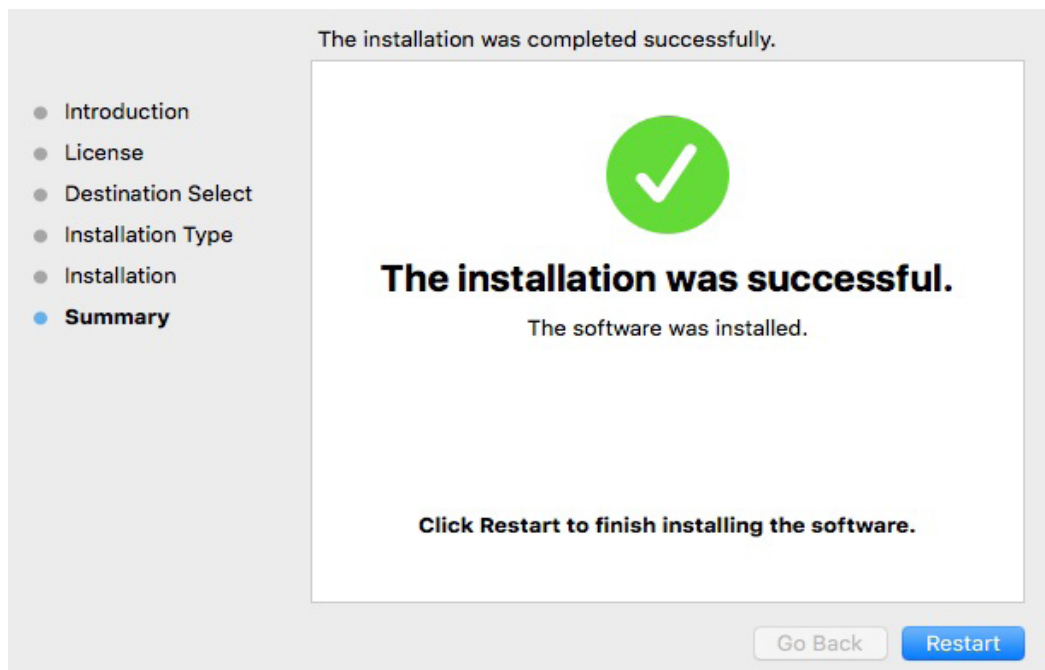
Wired Network Settings (For wired network printer models)

4

4. Wired Network Settings (For wired network printer models)

You may need to set some network parameters on the printer. These parameters can be set from the embedded Web server.

4.1. Set IP Address

The IP address of the printer may be automatically obtained through DHCP function or set manually.

| Automatic Setting

DHCP automatic setting function is enabled by default on the printer.

1. Connect the printer to the network through a network cable and complete the startup preparation work.

2. The printer will automatically obtain the IP address assigned by the server. The IP address obtained automatically can be used after a few minutes.

Note: • If DHCP cannot automatically obtain the IP address, the printer will automatically use the default IP address: 169.254.xx.xx.

• Due to the features of DHCP, the IP address of the printer automatically assigned by the network may vary if the printer has not been used for a long time or the network access point changes, which could result in unsuccessful connection to the printer. It is recommended that the IP address automatically assigned by the network is bound to the MAC address of the printer while the DHCP function is enabled.

| Manual Setting

Type the IP address in the Web browser's address bar to open the embedded Web server.

1. Click Settings in the navigation bar to open the Settings page;

2. Select Network Settings - IPV4 Settings;

3. Set IP Address Assignment Mode (Manual), IP Address and Subnet Mask. Other items are optional;

4. Click Apply to save the settings.

Note: • You can use the embedded Web server to change the IP Address Assignment Mode into Automatic or Manual.

4.2. Install the Printer to Network

In this setting, the printer is directly connected to the network and can be set to allow all computers on the network to print directly on the printer.

1. Before starting the printer, first connect the network cable to the network port of the printer to establish direct connection to the network.

2. Start the printer and wait until the status indicator on the control panel displays Ready status, as shown below.
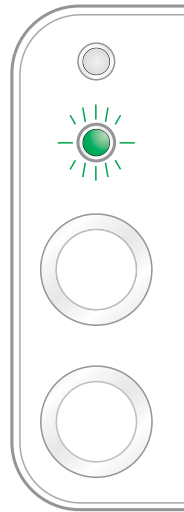
3. Insert the printer CD into the computer. If the software installer does not start, browse to the "setup.exe" file on the CD, and double-click to run the file.

4. Follow the operation instructions of the installer.

5. Continue to complete the installation.

> Note: • When the installer prompts you to select a printer, you can select the appropriate printer name from the Detected Printer;
>
> • If the printer name does not appear in the Detected Printer, please click Refresh and search for printers on the network;
>
> • If you know the IP address of the printer to be connected, you can select Specify an IP Address for Installation to enter the IP address for installation.

4.3. Setting Network Products

4.3.1. View or Change Network Settings

You can use the embedded Web server to view or change IP settings.

1. Long press the "Cancel/Continue" button on the control panel to print DEMO information page, and view the IP address of the printer. DEMO page can be printed by long pressing the button on the control panel (as shown in the figure below) in the idle status.

2. Type the IP address in the Web browser's address bar to access the embedded Web server.

3. Click Settings tab to obtain network information. Change the settings as needed.

4.3.2. Set or Change Web Server Login Password

Use the embedded Web server to set a network password or change the existing password.

Note: • The default username is "admin", and the initial password is "000000".

1. To open the embedded Web server, please log in first.

2. Click Administrator Settings tab.

3. Type the new password in the Password box and Confirm Password box.

4. At the bottom of the window, click Apply button to save the settings.

4.3.3. Restore to Factory Settings

If you want to reset all parameter settings of the printer, you can restore to the factory settings by long pressing "Cancel/Continue" button when the printer is powered off to power on it and holding for 10 seconds until the printer enters Ready status to finish the resetting work.

Print

5
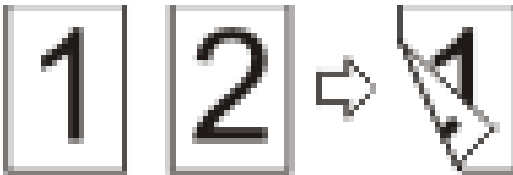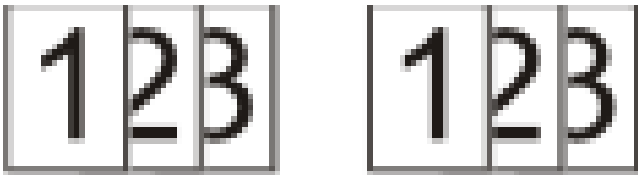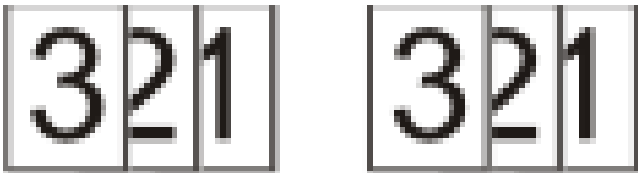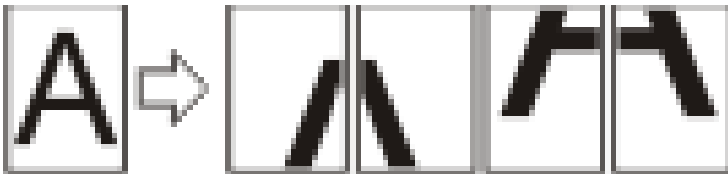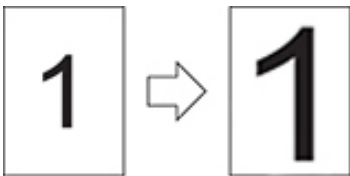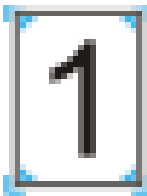
5. Print

5.1. Print Function

You can set the print function through "Start"-"Device and Printer"- select corresponding printer- right click – set print function in "Print Preferences". Some functions are as follows:

Functions	Diagram
Manual Duplex	
Collate Print	
Reverse Print	
N-in-1	
Poster Print (for Windows Operation System only)	
Zoom Print	
Custom Size	

Note: • You can select the 2 x 2 Poster printing from Layout options in the settings interface to use the poster printing function.

• You can open the Printing Preferences and click Help button to check the specific function explanation. For information about how to open the help document, see Chapter 5.2.

5.2. Open Help Document

You can open the "Printing Preferences" and click "Help" button (for Windows Operation System only). The help document contains the user guide where you can find the information on print settings.
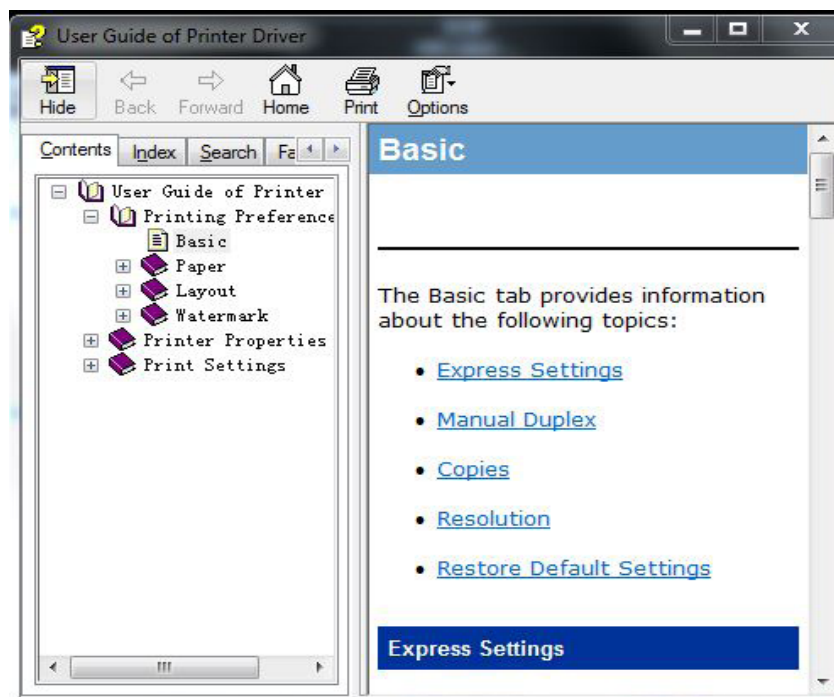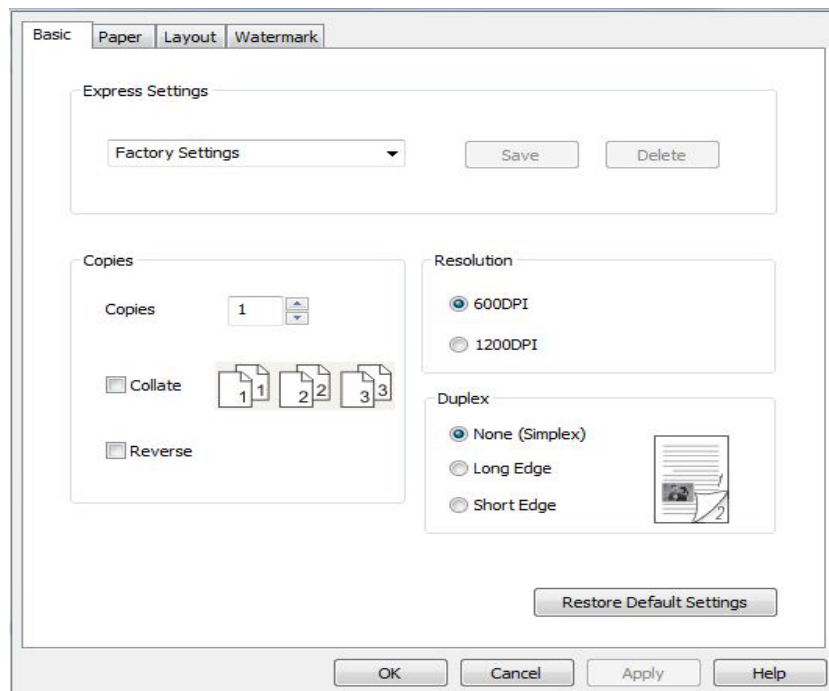
5.3. Duplex Print

1) The printer driver supports manual duplex.

Note: • If the paper is thin, it may wrinkle.

• If the paper is curled, make it flat and put it back into the manual feeder tray.

• If the manual duplex function causes a paper jam, see Chapter 8.1 for handling it.

2) Ensure that certain amount of paper is loaded into the automatic feeder tray before printing.

Note: • For loading paper, see Chapter 2.3.

• For the media types that support printing, see Chapter 2.1. It is recommended to use the standard paper.

• Some paper media are not suitable for the duplex printing. Trying the duplex printing may damage the printer. When "Paper Type" is "Thick Paper" or "Transparent Film", please do not try "Duplex Print". If you choose "Reversed Order" printing in Printing Preferences dialog box, Manual Duplex will not be supported when "2 x 2 Poster" printing.

• Paper may get jammed or cannot be fed in when the automatic feeder tray is loaded with more than 150 sheets.

3) Printing steps are as follows (for Windows Operation System only) :

a) Open the document to be printed from the application (such as Notepad), and select "Print" from the "File" menu.
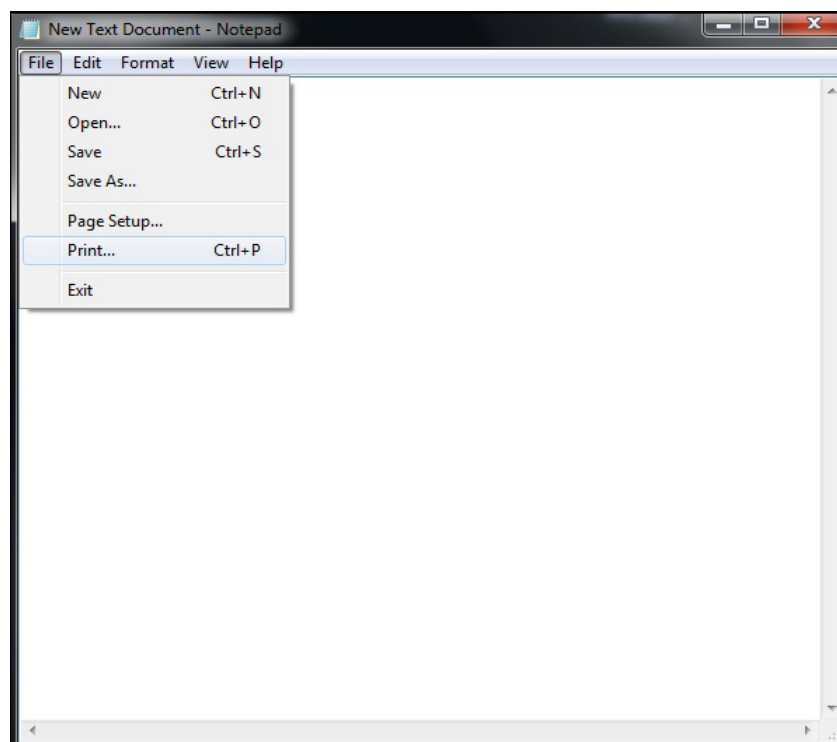
b) Select printer.
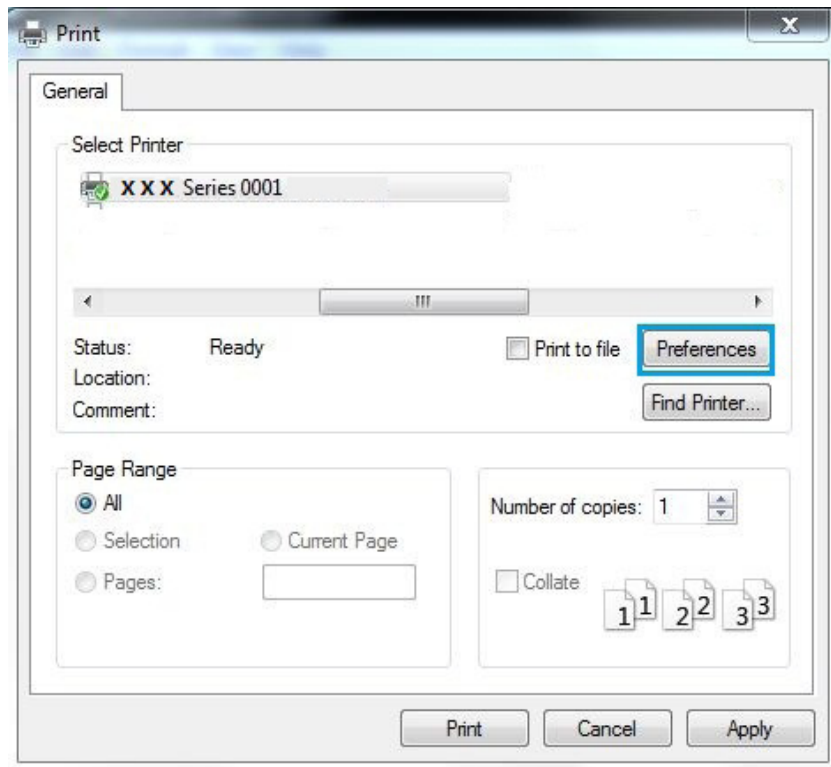
Click "Preferences" to set printing.

c) Set options in "Manual Duplex" of the "Basic" tab and click "OK" after completing the settings.
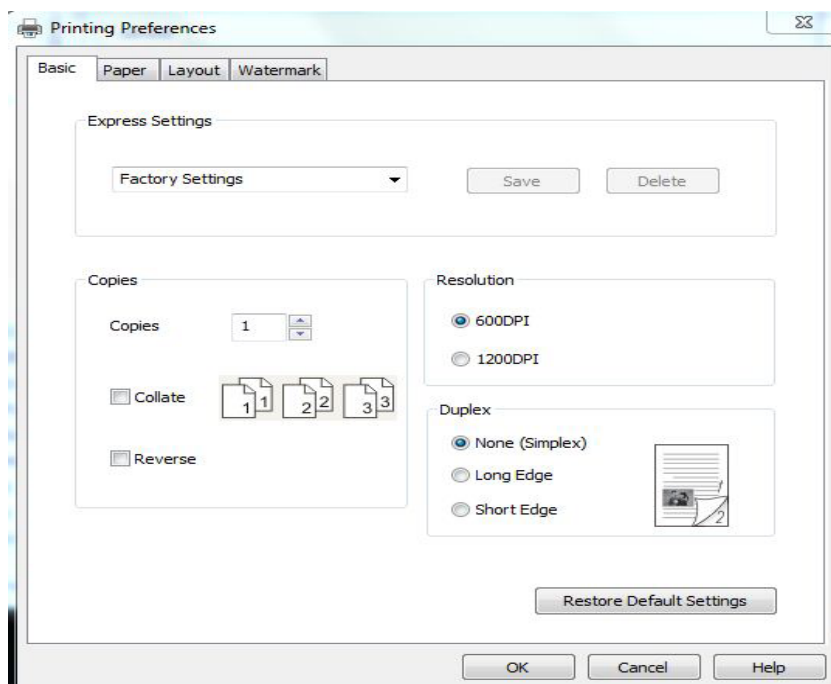
d) Click "Print".
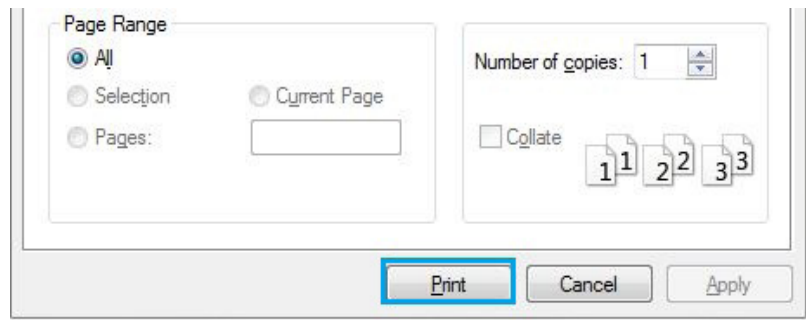
📝 Note: • It is recommended to raise the output tray to prevent the paper from sliding out of it. If you choose not to raise the output tray, we recommend that you immediately remove the printed paper output from the printer.

---

e) Send the print task after choosing Manual Duplex, then the following prompt window will appear, telling you the next specific operations. Interfaces are different depending on the models.

Duplex Recovery Tips

❶

1. Fold and put the printed paper back into the tray as shown in the diagram on the left.

2. Press "Continue" button to continue printing.

3. Please complete Duplex as soon as possible to avoid affecting other print jobs.

close

Duplex Recovery Tips

❷

1. Fold and put the printed paper back into the tray as shown in the diagram on the left.

2. Press "Continue" button to continue printing.

3. Please complete Duplex as soon as possible to avoid affecting other print jobs.

close

f) After turning over the paper according to the prompt, press "OK" button of the printer to go on printing the other side.

Duplex Recovery Tips

❸

1. Fold and put the printed paper back into the tray as shown in the diagram on the left.

2. Press "Continue" button to continue printing.

3. Please complete Duplex as soon as possible to avoid affecting other print jobs.
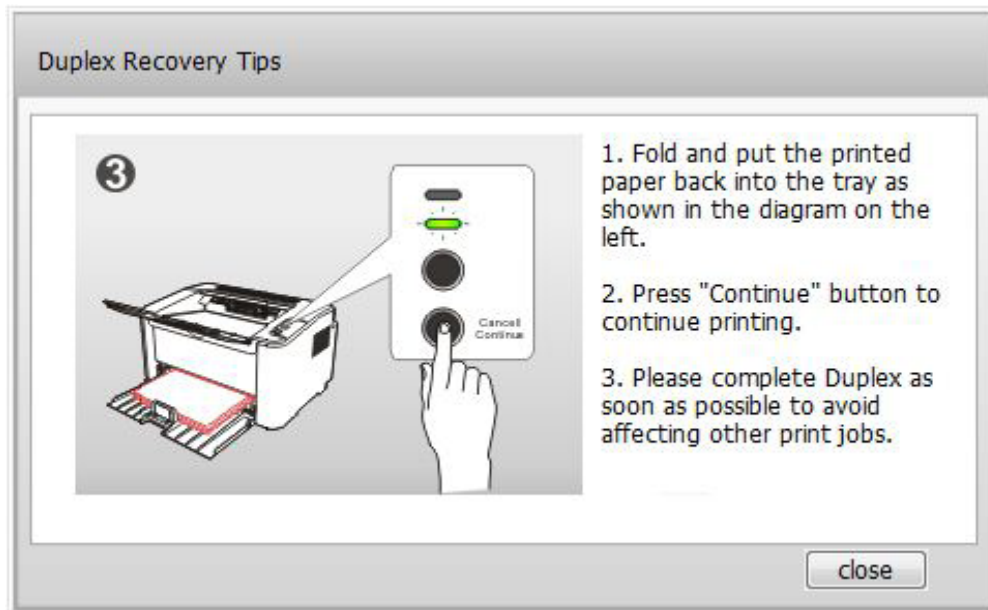
close

g) You can click "Close" button to close this prompt window, and it will not appear until the next Manual Duplex job comes in.

5.4. Cancel Print Job

You can press the Cancel button on the control panel to cancel the print job you want to cancel during the printing process, or cancel the print job in the printing pool.

5.5. Mac System Print

Operation Steps:

1. After installing the printer's driver, click on "System Preferences" on the bottom left corner.

2. After the window pops up, click on "Print and Scan".

3. After the window pops up, select "Print".
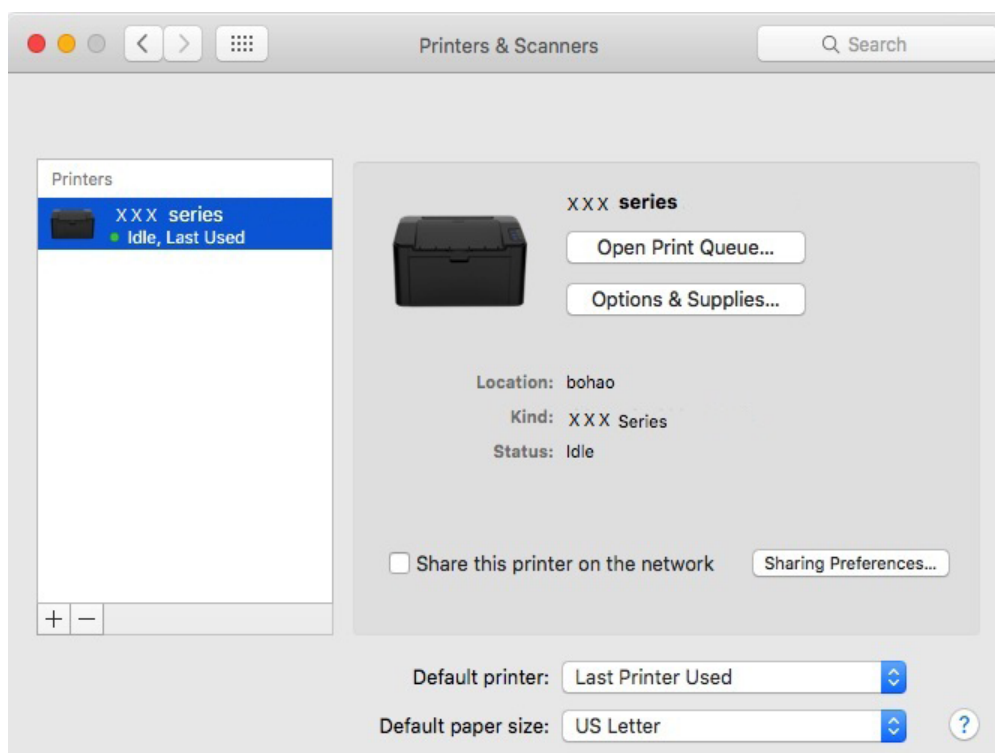
4. Select printer

1) For USB Model printer: plug the USB cable, the corresponding printer will automatically show in the left list.

2) For NET Model printer: plug the network cable, click on symbol "+" at the bottom of the left list to add printer.
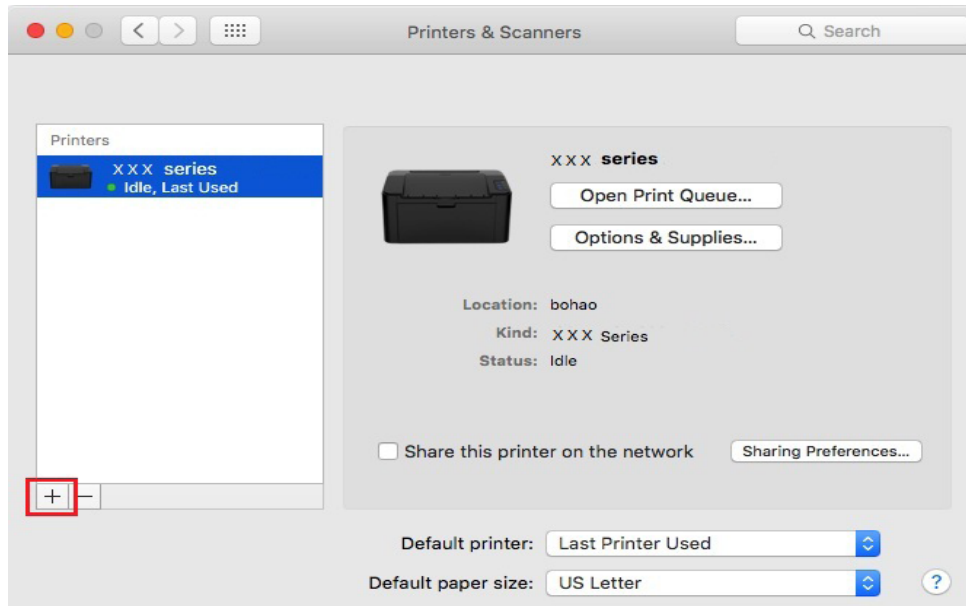
3) Open the document to be printed, click on "Document" – "Print".
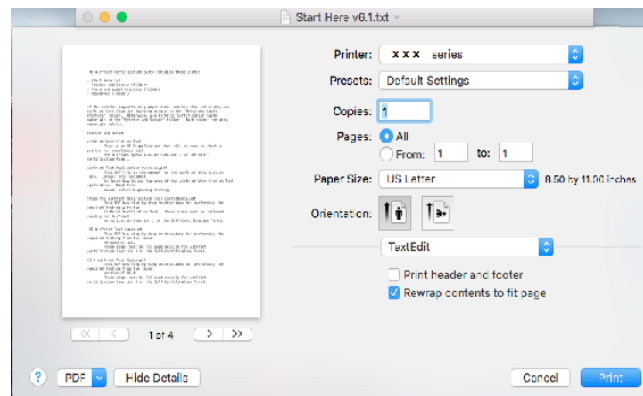
4) After the window pops up, set the printing parameters, and press the "Print" button on the top right corner.
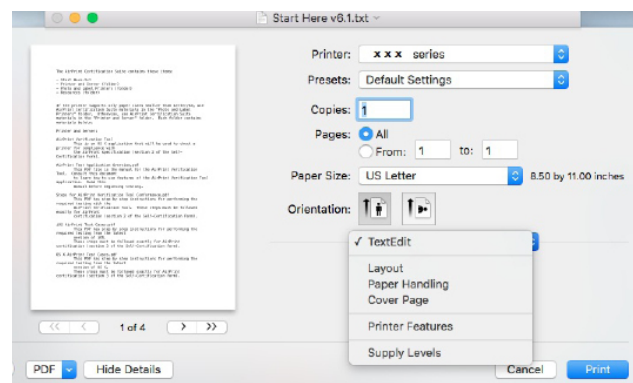
Control Panel

6. Control Panel

6.1. Control Panel Overview

The printer control panel layout includes 2 buttons and 2 multi-colored LED indicators as shown below:
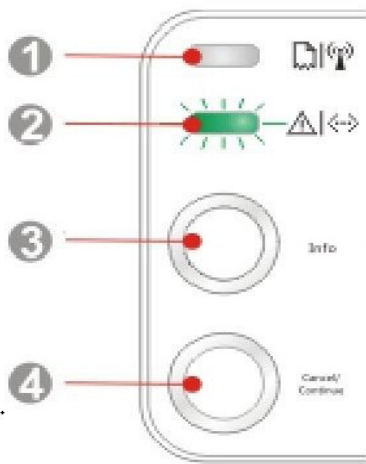
Serial No.	Name
1	Multi-colored LED1 indicator
2	Multi-colored LED2 indicator
3	Information button
4	Cancel/Continue button

6.1.1. Functions of Buttons on the Control Panel

6.1.1.1. Operation Function of Cancel/Continue Button

If the printer is in sleep mode, press or press and hold this button can wake it up.

Press and hold this button during printing can cancel the current print job.

6.1.1.2. Operation Function of Information Button

When the printer is in ready mode, press and hold this button can print the test page.

6.1.2. Function of LED Indicators on the Control Panel

6.1.2.1. LED1 Status Indication

The meanings of the status indication of LED1 are as follows:

Serial No.	Paper Multi-colored LED1 Status Indication	Status Description (For printers with USB interface)
1	⚪	No paper error, sleep mode LED1 off
2	🟢	Starting and warming up the printer LED1 with green light staying on
3	🔴	Paper Jam Error LED1 with red light staying on
4	🔴	Paper shortage in printing, or failed in feeding LED1 with red light flashing quickly

6.1.2.2. LED2 Status Indication

The meanings of the status indication of LED2 are as follows:

Serial No.	Data/ Cartridge Multi-colored LED2 Status Indication	Status Description
1	🟢	Starting and warming up the printer, waking up and warming up the printer, and warming up the printer by opening and closing its cover. LED2 with green light flashing slowly
2	🟢	The printer is ready LED2 with green light staying on
3	🟢	Sleep LED2 with green light on and flashing slowly
4	🟢	Printing Multi-colored LED2 with green light flashing quickly
5	🟠	Alarming for toner low LED2 with orange light on and flashing quickly
6	🟠	Cartridge error (not installed, mismatch, expired) LED2 with orange light staying on
7	🔴	Serious printer error (heating roller abnormalities, laser motor abnormalities, communication error, opened cover, etc.) LED2 with red light staying on
8	🟢	A job is cancelled via the panel LED2 with light flashing quickly

6.1.2.3. Indication of LED1 and LED2 Combination Status

You can refer to the indicator combination list for information on the working status of the printer. Some of the LED1 and LED2 combined indications are as follows:

Serial No.	Status Paper(Multi-colored LED1)	Status Data/Cartridge (Multi-colored LED2)	Status Description
1	⚪ (off)	🟢 (green on)	Paper jam, the printer is ready LED1 off, LED2 with green light staying on
2	🔴 (red on)	⚪ (off)	Paper jam during printing LED1 with red light staying on, multi-colored LED2 off
3	⚪ (off)	🟠 (orange flashing)	Alarming for toner low LED1 off, LED2 with orange light flashing quickly
4	⚪ (off)	🟠 (orange on)	Cartridge error (not installed, mismatch, expired), the multi-colored indicator (orange) stays on LED1 off, LED2 with orange light on
5	⚪ (off)	🔴 (red on)	Serious printer error (heating roller abnormalities, laser motor abnormalities, communication error, opened cover, etc.) LED1 off, LED2 with red light staying on
6	⚪ (off)	🟢 (green flashing)	A job is cancelled via the panel LED1 off, LED2 with green light flashing quickly
7	🔴 (red flashing)	⚪ (off)	Paper shortage in printing, or failed in feeding, only showing paper errors LED1 with red light flashing quickly, LED2 off
8	🔴 (red flashing)	⚪ (off)	Paper shortage in printing, or failed in feeding, alarming for toner low LED1 with red light flashing quickly, LED2 off
9	⚪ (off)	🟠 (orange on)	Paper shortage in printing, or failed in feeding, cartridge error (not installed, mismatch, expired) LED1 off, LED2 with orange light staying on
10	⚪ (off)	🔴 (red on)	Paper shortage in printing, or failed in feeding, and meanwhile, serious printer error (heat roller abnormalities, laser motor abnormalities, communication error, opened cover, etc.) LED1 off, LED2 with red light staying on
11	⚪ (off)	🟢 (green flashing)	A job is being cancelled via the panel because of paper shortage in printing or failure in feeding LED1 off, LED2 with green light flashing quickly

Routine Maintenance

7
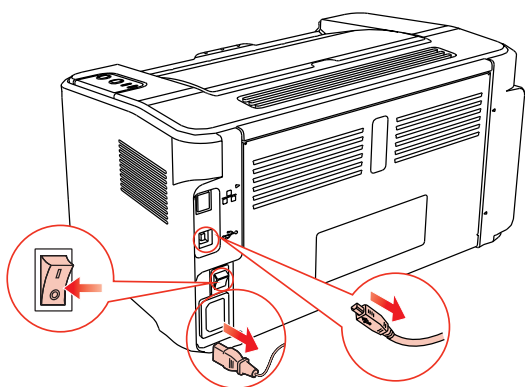
7. Routine Maintenance

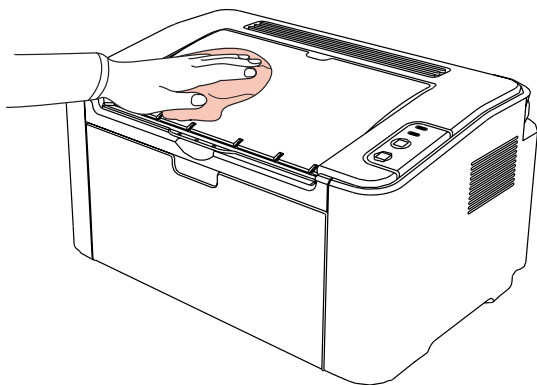## 7.1. Cleaning the Printer

✏️ Note: • Please use mild detergents.

Please clean the printer in accordance with the following steps:

1. Turn off the main power switch and unplug the power cord and USB cable.

2. Use a soft cloth to wipe the outside of the printer clean.

3. Open the upper cover and take out the laser toner cartridge.
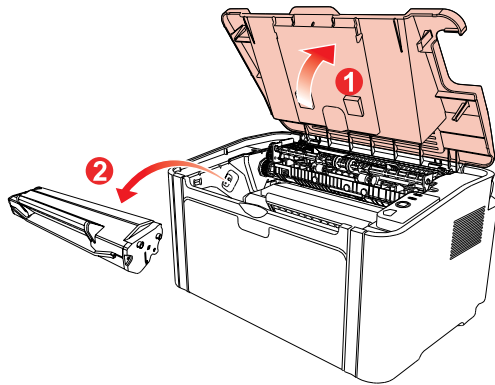
Note: • When removing the laser toner cartridge, put the cartridge in a protective bag or wrap it with thick paper to avoid direct light damaging the photosensitive drum.

4. Clean the inside of the printer by using a dry and lint-free cloth to gently wipe the shaded area as shown in the figure below.

7.2. Maintenance of Laser Toner Cartridge
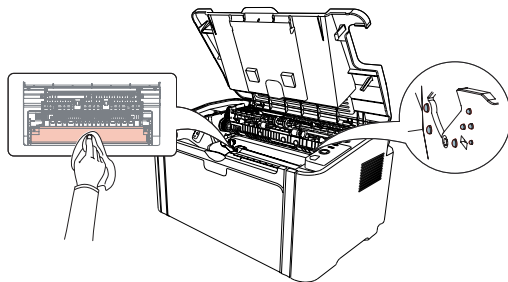
7.2.1. Use and Maintenance of Laser Toner Cartridge

For better print quality, please use the original laser toner cartridge.
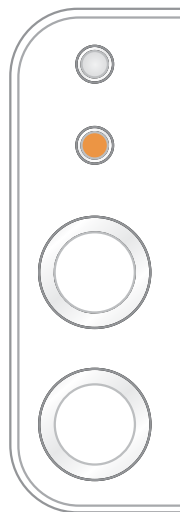
📝 Note: when using the laser toner cartridge, please pay attention to the following:

• Unless used immediately, otherwise, do not remove the laser toner cartridge from the package.

Do not attempt to refill the laser toner cartridge without authorization. Otherwise, the resulting damage is not included in the printer warranty.

• Please store the laser toner cartridge under a cool and dry environment.

• Toner inside the laser toner cartridge is combustible. Please do not put the laser toner cartridge near any source of ignition, so as to avoid causing a fire.

• When removing or disassembling the laser toner cartridge, please pay attention to the toner leakage problem. In case of the toner leakage resulting in that the toner contacts with your skin or splashes into your eyes and mouth, please immediately wash with clear water, and consult a doctor immediately if you feel unwell.

• When placing the laser toner cartridge, please keep it away from the area reachable by children.

7.2.2. Service Life of Laser Toner Cartridge

Service life of the laser toner cartridge depends on the amount of toner that print jobs require.

When the printer LED indicator shows the status in the following figure, it indicates that the laser toner cartridge life has expired and needs to be replaced.
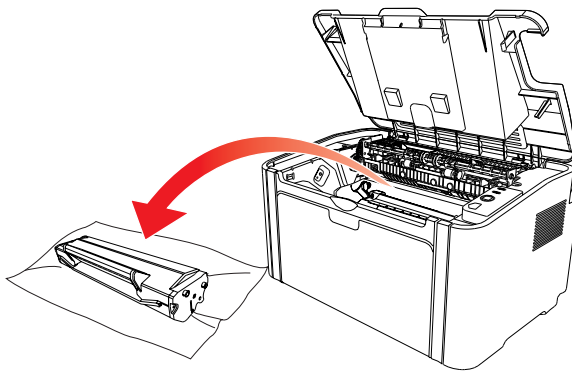
7.2.3. Replace Laser Toner Cartridge

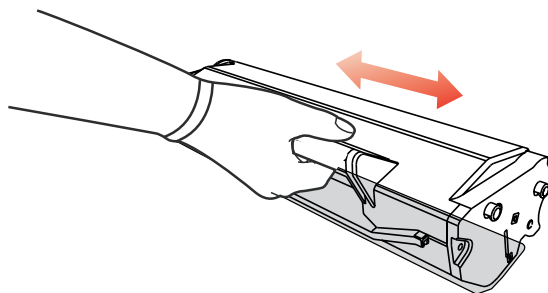Note: before replacing the laser toner cartridge, please pay attention to the following:

- The laser toner cartridge surface may contain toner. Please remove it carefully to avoid spilling.

- Put the removed laser toner cartridge on a piece of paper to avoid the toner from accidently spilling.

- After removing the protective cover, please immediately install the laser toner cartridge into the printer, so as to avoid photosensitive drum damage caused by exposing to too much direct sunlight or indoor light.

- While installing the laser toner cartridge, do not touch the surface of the photosensitive drum so as not to scratch it.

Replacement steps are as follows:

1. Open the upper cover, and remove the empty laser toner cartridge along the guides.


2. Open the package of a new laser toner cartridge, hold the handle of the cartridge and gently shake around 5-6 times, so as to make the toner evenly distributed inside the cartridge.

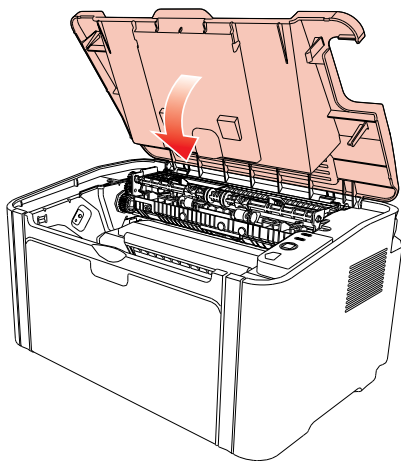3. Remove the protective cover, and put the laser toner cartridge into the printer along the guides

---
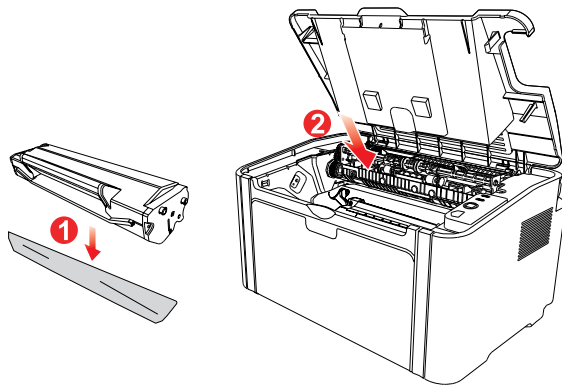
Note: • Check whether there is any seal on it before installing the laser toner cartridge into the printer; if there is any, please tear off the seal and then install the cartridge.

---
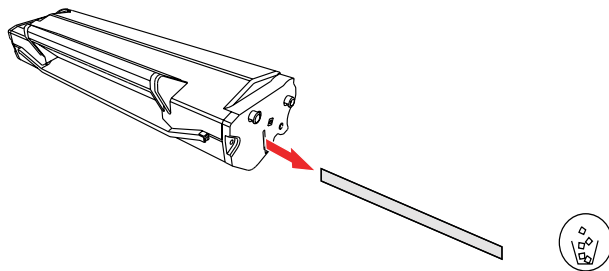
4. Close the upper cover tightly

Troubleshooting

8

Chapter

8. Troubleshooting

Please read this section carefully. It can help you solve common trouble in the printing process. If the problems appeared cannot be solved, please contact Aftersales Service Center.

Prior to handling common trouble, first check that:

• The power cord is connected correctly and the printer is powered on.

• All of the protective parts are removed.

• The laser toner cartridge is correctly installed.

• The output bin is fully closed.

• The paper is correctly loaded into the tray.

• The interface cable is correctly connected between the printer and the computer.

• The correct printer driver is selected and installed properly.

• The computer port is properly configured and is connected to the proper printer port.

8.1. Clearing Jammed Paper

Note: • Remove the jammed paper in accordance with the following steps, close the upper cover and tidy the paper in the tray, then the printer will automatically resume printing. If the printer cannot automatically start printing, please press the button on the control panel.

• If the printer still does not start printing, please check whether all the jammed paper inside the printer are cleared.

• If you cannot remove the jammed paper yourself, please contact your local ICSP YPS authorized repair center or send the printer to the nearest ICSP YPS authorized service center for repair.

8.1.1. Paper Jam in the Feed Port

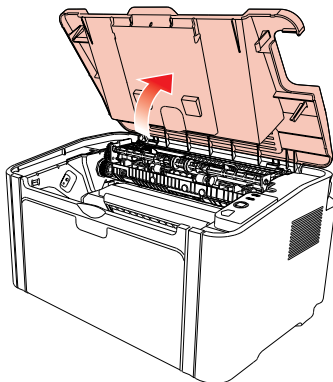If the output bin is open, please close it first.

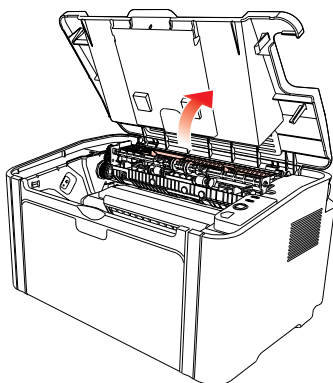Gently pull the jammed paper straight out.
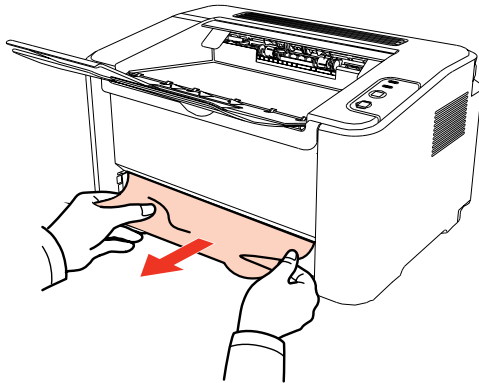
If the paper does not move while being pulled, or there is no paper in this area, please check the inside of the printer.

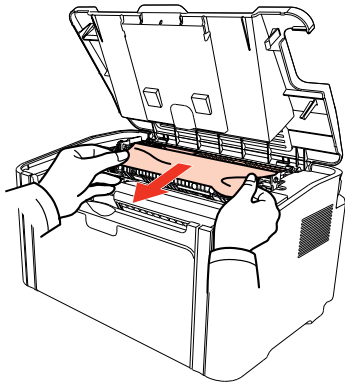### 8.1.2. Paper Jam inside the Printer

1. Open the upper cover.

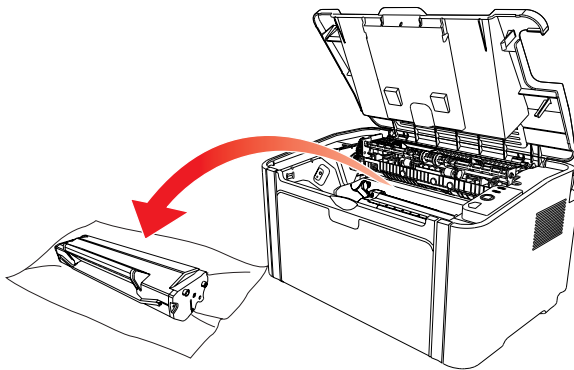2. Open the upper fuser guide to decrease the pressure of compression spring.

3. Pull the jammed paper out of the fuser unit.

If no jammed paper is found, please go to the next step.

4. Remove the laser toner cartridge along the guides

5. Slowly pull the jammed paper out along the paper output orientation.
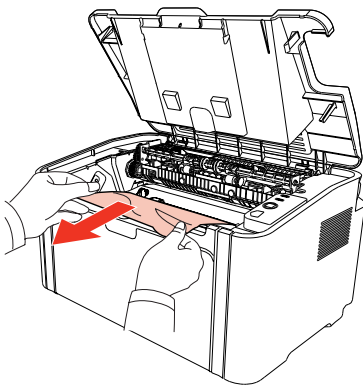
6. After removing the jammed paper, insert the laser toner cartridge into the printer along the guides until you hear a click assuring you that the cartridge is fully inserted.

7. Put the paper in the tray neatly, and do not carry out the next print until the indicator resumes print-ready status.

8.2. Common Troubleshooting
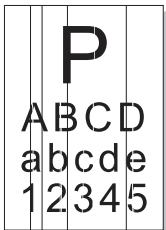
8.2.1. Common Trouble
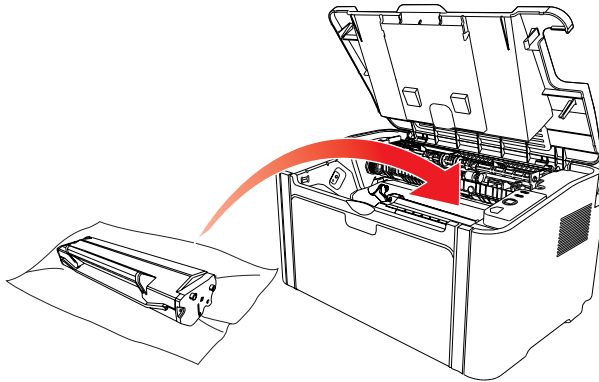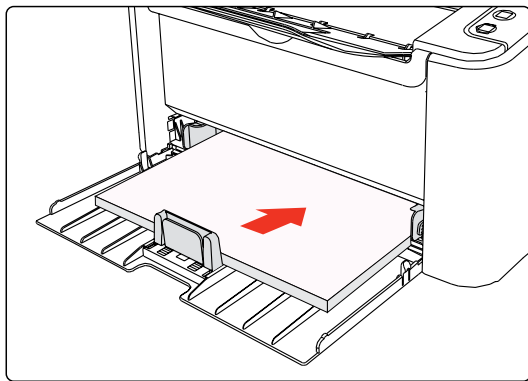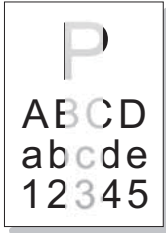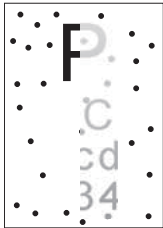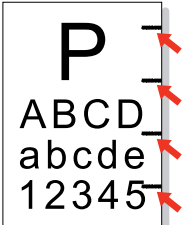
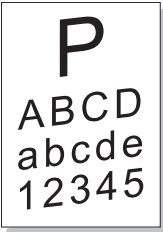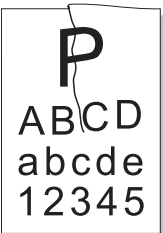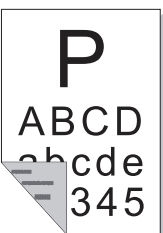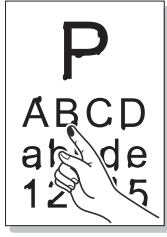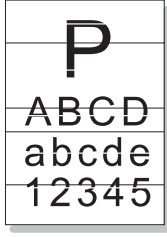| Trouble	Cause	Solution
Printer Problems		
The printer does not work	The cable between the computer and the printer is not connected properly. Error in specifying the print port. The printer is offline, and Use Printer Offline is checked. The printer does not recover from an internal error, such as a paper jam, paper empty, etc.	Disconnect and then reconnect the printer cable. Check the printer settings to ensure that the print job is sent to the correct port. If the computer has more than one port, make sure that the printer is connected to the correct port. Make sure that the printer is in the normal online status.
Problems in Handling Paper		
Paper feed failure	The print media is loaded incorrectly. The print media is beyond the usage specification range. The feed roller is dirty.	Please correctly load the print media. If you use special print media for printing, please print with the manual feeder tray. Please use the print media within the specification range. Clean the feed roller.
Paper Jam	There is too much paper in the tray. The print media is beyond the usage specification range. There is foreign matter in the feed channel. The feed roller is dirty. Internal parts failure.	Remove excess paper from the tray. If you print on special print media, please use the manual feeder tray. Make sure to use the paper that meets specifications. If you print on special print media, please use the manual feeder tray. Clean the feed channel. Clean the feed roller.
Print with multipage fed in	Excessive static electricity on the print media. The print media is damp and sticks together. Internal parts failure.	Separate the print media to eliminate some static electricity. It is suggested that you use the recommended print media. Separate the print media or use better and dry print media.

📝 Note: • If the problem remains, please contact Aftersales Service Centre.

8.2.2. Image Defects

Trouble	Cause	Solution
The printout is whitish or light	• Toner is low. • The print media does not meet usage specification, such as the media is damp or too rough. • The resolution in the print program is set too low. • The laser toner cartridge is damaged.	• Please properly use the print media within the specification range. • Setup the print resolution in the program.
Toner spots	• The laser toner cartridge is dirty or leaks toner. • The laser toner cartridge is damaged. • The print media that does not meet usage specification, such as the media is damp or too rough. • The feed channel is dirty.	• Please use the print media within the specification range. • Clean the feed channel.
White spots	• The print media that does not meet usage specification, such as the media is damp or too rough. • The feed channel is dirty. • The internal part of the laser toner cartridge is damaged. • The reflective glass of the laser inside the printer is dirty.	• Please use the print media within the specification range. • Clean the feed channel. • Clean the reflective glass of the laser.
Toner comes off	• The print media that does not meet usage specification, such as the media is damp or too rough. • The inside of the printer is dirty. • The laser toner cartridge is damaged. • The internal part of the printer is damaged.	• Please use the print media within the specification range. If you use special print media, please print with the manual feeder tray. • Clean the inside of the printer.
Black vertical stripes	• The laser toner cartridge is dirty. • The internal part of the laser toner cartridge is damaged. • The reflective glass of the laser inside the printer is dirty. • The feed channel is dirty.	• Clean the reflective glass of the laser at the back of the printer. • Clean the feed channel at the back of the printer.

Trouble	Cause	Solution
Black background (gray background)	• The print media that does not meet usage specification, such as the media is damp or too rough. • The laser toner cartridge is dirty. • The internal part of the laser toner cartridge is damaged. • The feed channel is dirty. • The transfer voltage inside the printer is abnormal.	• Please use the print media within the specification range. • Clean the feed channel inside the printer.
Cyclical traces appear	• The laser toner cartridge is dirty. • The internal part of the laser toner cartridge is damaged. • The fuser component is damaged.	• Clean the laser toner cartridge or replace it with a new one. • Please contact Aftersales Service Centre to repair and replace the fuser component.
Skewed pages	• The print media is loaded incorrectly. • The feed channel of the printer is dirty.	• Ensure correct loading of the print media. • Clean the feed channel inside the printer.
Wrinkled paper	• The print media is loaded incorrectly. • The print media does not meet the usage specification. • The feed channel inside the printer is dirty. • The fuser component of the printer is damaged.	• Ensure correct loading of the print media. • Please use the print media within the specification range for printing. • Clean the feed channel inside the printer.
The back of the printout is dirty	• The laser toner cartridge is dirty. • The transfer roller inside the printer is dirty. • The transfer voltage inside the printer is abnormal.	• Clean the laser toner cartridge or replace it with a new one. • Clean the internal transfer components of the printer.

Trouble	Cause	Solution
 Whole page dark	• The laser toner cartridge is installed incorrectly. • The internal part of the laser toner cartridge is damaged. • Abnormal charge inside the printer; the laser toner cartridge is not charged.	• Ensure to install the cartridge correctly.
 The toner does not adhere to the paper	• The print media that does not meet usage specification, such as the media is damp or too rough. • The inside of the printer is dirty. • The laser toner cartridge is damaged. • The internal part of the printer is damaged.	• Please use the print media within the specification range. If you use special print media, please print with the manual feeder tray. • Clean the inside of the printer.
 Horizontal stripes	• The laser toner cartridge is incorrectly installed. • The laser toner cartridge might be damaged. • The internal part of the printer is damaged.	• Ensure to install the cartridge correctly.

Product Specification

9

9. Product Specification

9.1. Specification Overview

Processor		600MHZ
Memory		128MB
Power Supply		220V Model: AC 220-240V, 50/60Hz, 3.0A (Note: For the power supply and voltage that is suitable for this printer, please refer to the nameplate on the back of the printer. Please strictly use the power supply for the printer according to its specification.)
Communication interface		Hi-Speed USB 2.0 IEEE802.3 10/100Base-Tx Ethernet;
Operation environment	Best print quality	10-32 °C
	Humidity range for operation	20 to 80% RH
Product Size (W*D*H)		about 337mm*220mm*178mm
Weight (excluding the laser toner cartridge)		about 4kg (excluding the attached laser toner cartridge)
Control Panel		LED

9.2. Printing Specification

Print Speed	A4	22ppm
	Letter	23ppm
First Page Print Time		<7.8s
Print Language		GDI
Maximum print size		Legal (216mm*355.6mm)
Durability	Recommended Monthly Page Volume	700 pages
	Maximum Monthly Page Volume	15000 pages
Paper Input Capacity	Standard Tray	150 pieces (80g/m²)
Paper Output Capacity	Print-side down	100 pieces (80g/m²)
Print Media	Media Type	Plain paper, thin paper, thick paper, transparent film, card paper, label paper, envelope
	Media size	A4,A5,A6,JIS B5,ISO B5,B6, Letter, Legal, Executive,Statement, Monarch envelope, DL envelope,C5 envelope,C6 envelope,NO.10 envelope, Japanese Postcard,Folio,Oficio,Big 16k, 32k,16k,Big 32k,ZL,Yougata4, Postcard, Younaga3, Nagagata3, Yougata2
	Media weight	60~163g/m²

ICSP