

# AOBIO

## AOBIO D4 USER GUIDE



Telephone: +1 571410 5259  
WhatsApp: +1 571410 5259  
Email: [service@aobioprinter.com](mailto:service@aobioprinter.com)



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# 1.INTRODUCTION

**Congratulations** on your purchase of Aobio Printer. Aobio is your loyal business partner offering commercial solutions to batch labels printing.

**Please take a moment to read this user guide** as incorrect operation may result in unsatisfactory print quality, reduced user experience, or even damage to your printer or injury.

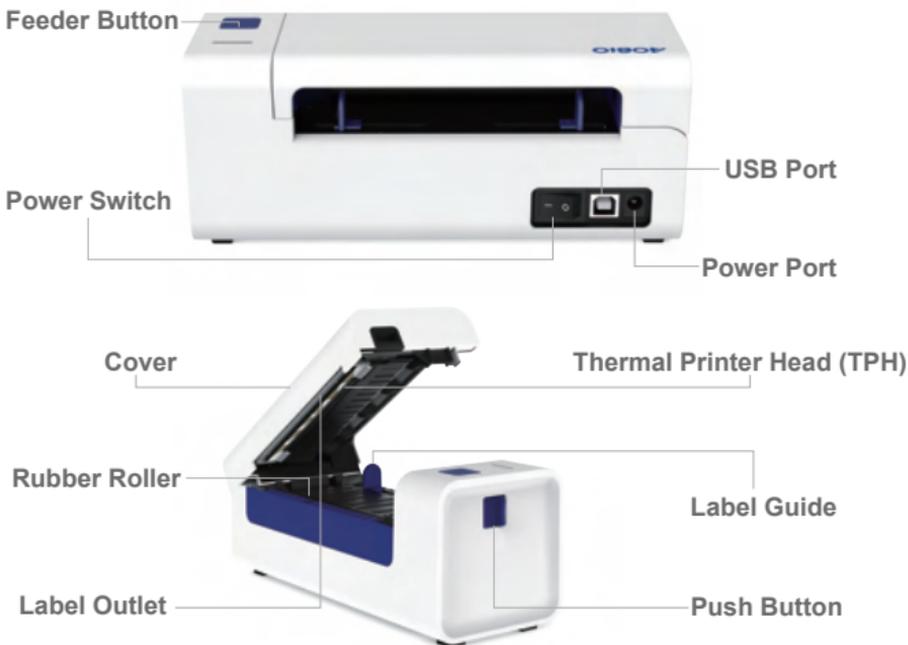
AOBIO D4 is a thermal label printer which uses thermal label media without ink, toner and ribbon. It can print various labels for logistics, pricing, barcodes, QR codes, shipping address, badges, etc.

Thank you for purchasing this product, please read this manual carefully before using the printer, and keep it for future reference. If you have any questions about this machine, please call our customer service centre on +1 571410 5259.

## 2.ITEM OVERVIEW

### Packing List:

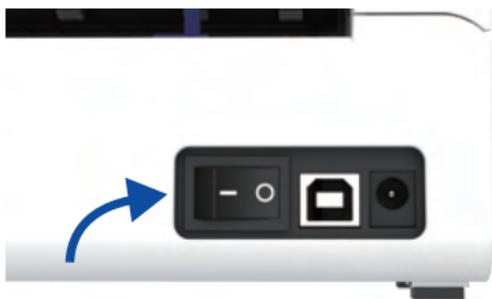
1x AOBIO Label Printer	1x User Guide	1x Service Card
1x Power Cable and Adapter	1x USB Stick(Contains drivers for MacOS & Windows)	
1x USB 2.0 to USB C Adapter	2x Thermal Printer Head Cleaning Wipes	
1x USB 2.0 Printer Cable	20x Free Fanfold Labels	



Thermal printer head (TPH) may be very hot. Please do not touch the printer head or parts around it after printing.

## 3.CONNECT TO YOUR PC/MAC

1.Ensure the power is OFF (Press down "O" means Power OFF).



2.Connect the USB cable.

(Special Note: For Windows users, please connect the same USB port on your computer to avoid producing unwanted duplicates of Aobio printer in your system).

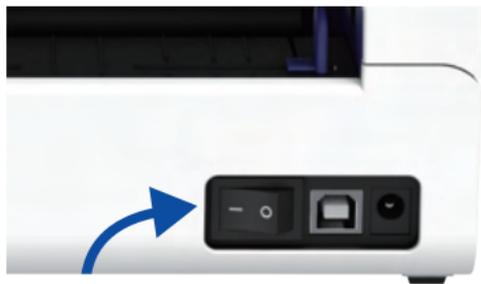


Must turn off the switch before you plugging the power cable into power port each time or it may cause sparks!

3. Make sure the power adapter is tightly connected, then connect the power cable to the printer's power port and the electrical sockets.



4. Turn the power ON (Press down "-" means Power ON), now you will see the top feeder button flashing.



Must turn off the switch before you plugging the power cable into power port each time or it may cause sparks!

## 4.LABEL SETUP

Aobio is capable of working with labels in various sizes, and it needs to learn your label properties before its first use.

To initiate **Automatic Label Identification** and run **Intelligent Label Study**, please follow these steps:

### 1.Power On

Turn on the power and wait for about 5 seconds until the printer is initialized.

### 2.Automatic Label Identification

Insert the label from the backside of the printer, the printer will grab the label and move back and forth, then stop with the green light on. Not a single label will be wasted during this procedure.

It's suggested to adjust the label guide to match the width of the label if necessary before the label is pushed in.



### 3. Intelligent Label Study

Press and hold the feeder button for about 3 seconds until you hear one beep then release, the label will move back and forth several times to study the label size, then you can start printing.



Since the printer needs to measure the length of the thermal paper, a stack of labels with at least 3 sheets is required to complete the process.



## 5.DRIVER INSTALLATION

### 5.1 Driver Installation for MacOS

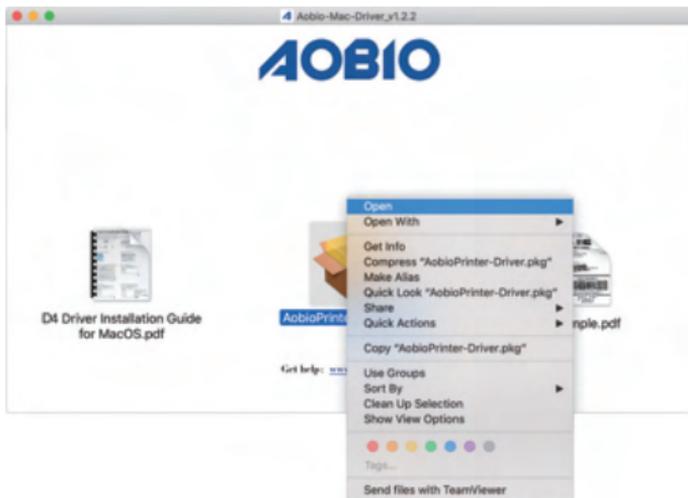
Please download the driver for Aobio D4 from our official website [www.aobioprinter.com](http://www.aobioprinter.com), or find it from the USB stick that comes with the package.

- 1.Double-click the **.dmg** file "Aobio-Mac-Driver Latest.dmg".



2. Please right click the "AobioPrinter-Driver.pkg" file, then select "Open" to start the installation process.

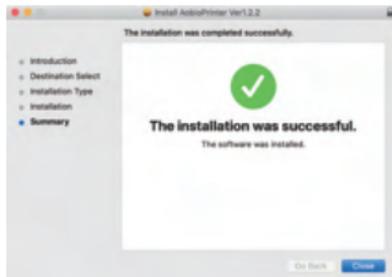
Important: Since Apple updates its security policy occasionally, double click to open the pkg file might trigger the macOS security warning and bring up the "Unidentified Developer" error message. If this happens, just right-click the pkg file, then click open, and follow the instruction on the screen.



3. Click "Continue" and follow the onscreen instructions.



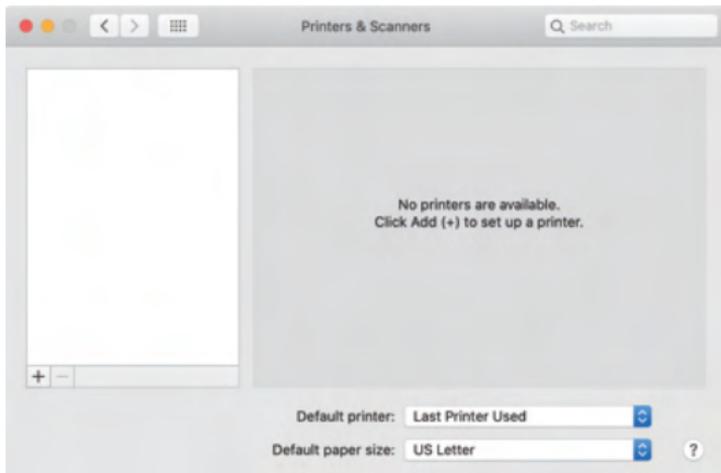
4. Click "Close" to finish.



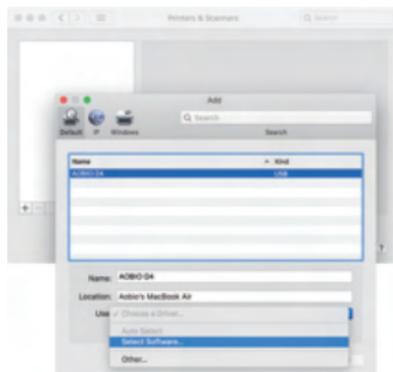
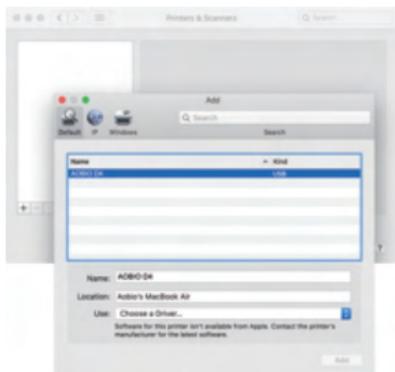
5. Open "System Preferences", and click "Printers & Scanners".



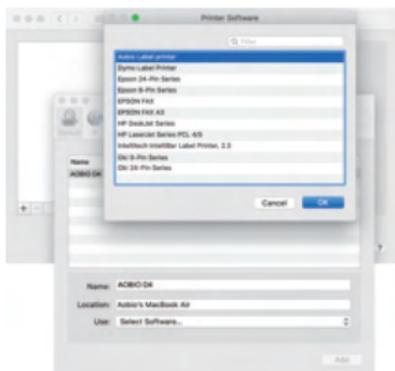
6. Click "+" to add a new printer.



7. Turn on the printer, and double click "AOBIO D4";  
Then click "Choose a Driver", and "Select Software".



8. Select "Aobio Label Printer" from the drop-down menu, and click "Add".



9. Printer is successfully added to your computer if you see as below:



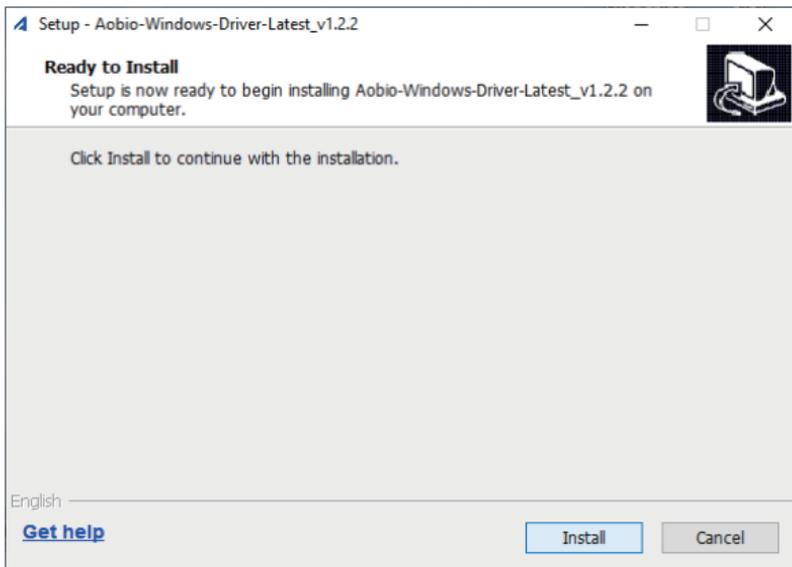
## 5.2 Driver Installation for Windows

Please download Aobio D4 driver from our official website [www.aobioprinter.com](http://www.aobioprinter.com), or find it from the USB stick that comes with the package.

1. Open the "Aobio-Windows-Driver-Latest.exe" file with a double-click to start the installation process.

If the file is named "Aobio-Windows-Driver-Latest.zip", you need to decompress it to the **.exe** file.

2. Click "Install" and follow the onscreen instructions.

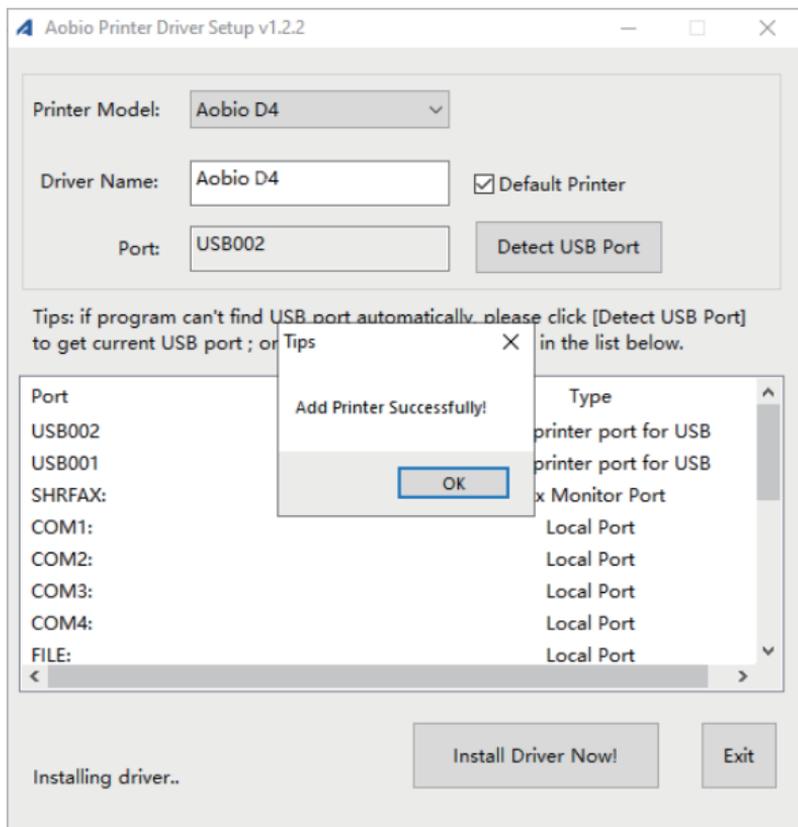


3. Click "Install Driver Now!" and close the prompt to complete the driver installation.

If an error message pops up saying "Please select port, or click [Detect USB Port] when you power on printer", that means you need to repower and connect the printer and computer.

Then click [Detect USB Port] and "Install Driver Now!" again.

Please only click the "Detect USB Port" button rather than selecting any port from the list.



## 6. MACOS & WINDOWS PRINTING SETUP

Aobio D4 is set for the most popular size of 4x6 inches (102 x 152mm) by default, therefore you need to make sure that the "Paper Size" is appropriately set in your computer, and corresponding with the label papers you are using. Please set as follows:

### 6.1 MacOS Printing Setup

1. Open the PDF file named "Sample Label.pdf" which can be found in USB stick;  
Select "File" → "Print" (take Preview as an example).



2. Choose 4.00x6.00" under "Paper Size" drop-down menu.



3. Select "Printer Features", then change the settings of printer, e.g.: Speed, Darkness, Rotate.

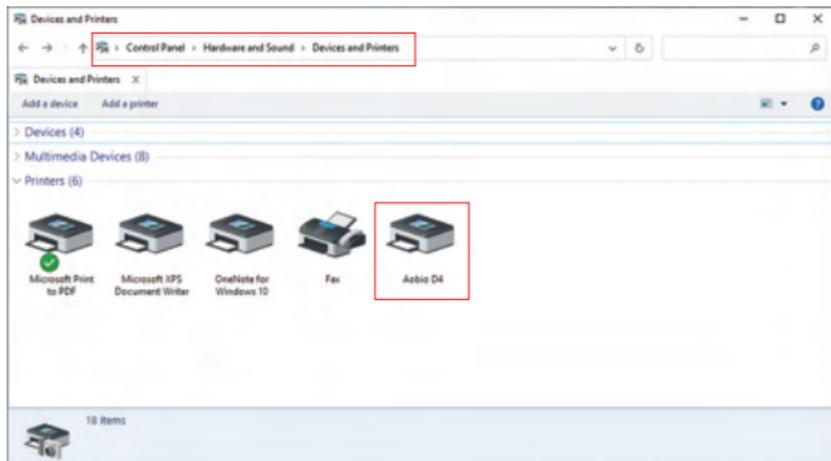


## 6.2 Windows Printer Setup

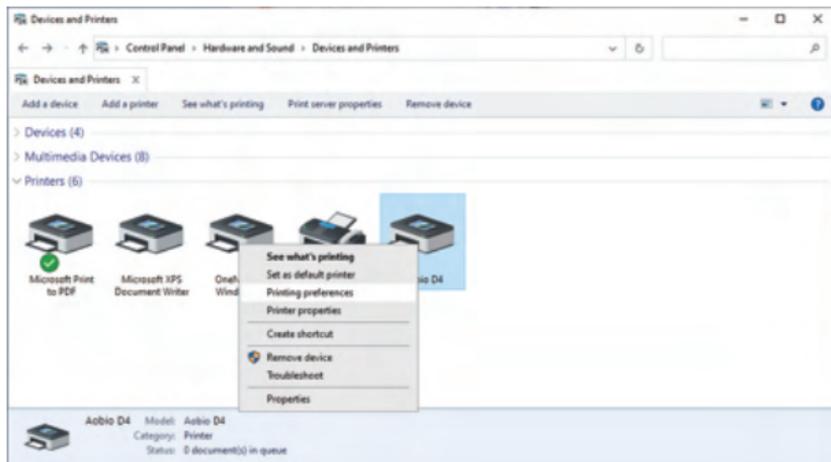
Take Windows 10 as an example:

1. Find "Aobio D4" along the path:

Control Panel→Hardware and Sound→Devices and Printers



2.Right click on "Aobio D4", choose "Printing Preference".



3.Click "Page Setup" and choose the proper size of your label, and make sure the chosen size is corresponding to the label paper you are about to use.



## 7.USER TIPS

1. When you load the labels, the peeling-off side should face up. Or it would cause printing blank.
2. Make sure there are no particles on the surface of labels to avoid damages to the TPH (Thermal Printer Head).
3. For Windows users, please keep using the same USB Port on your computer to avoid producing unexpected duplicated copies of the printer on your computer.
4. The label size of the Aobio D4 printer is default to 4x6" (102mm x 152mm). Each time you change different label sizes, please run the **Intelligent Label Study** process before printing.
5. In case labels keep coming out unexpectedly, just press the feeder button to pause the printer, and clear the printing job from your computer.
6. If there are white spots on printed labels, it indicates that the printer head needs cleaning. Stop printing, and clean the TPH (Thermal Printer Head).
7. When the label is jammed accidentally, please open the lid and take out the jammed labels slowly and patiently. The printer will resume after cleaning.

If you have any other issues, please contact us via the following methods:

Telephone: +1 571410 5259

Live Chat: [www.aobioprinter.com](http://www.aobioprinter.com)

Email: [service@aobioprinter.com](mailto:service@aobioprinter.com)

## 8.LED STATUS

Light Status	Description	Solution
Green	Normal	(You are ready to print.)
Flashing Red Fast (Every second)	This happens when the cover is not closed.	Close the lid properly
Flashing Red Slowly (Every 2 seconds)	This happens due to paper shortage.	Load Labels
Flashing Red and Green (Every second)	This happens when the printer head is overheated.	Wait until it cools down, the printing job will resume itself.
Flashing Yellow with beeps (Every second)	This happens when a wrong power adapter is used.	Aobio power adapter applied ONLY. Contact us if it is missing.

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## 9.FEEDER BUTTON INSTRUCTIONS

1. Press once: Feed a blank page / Pause / Resume
  - (1) When the printer is in ready status and there are no holding jobs, press the feeder button once, the printer will feed a blank page.
  - (2) When the printer is running, press once will pause the job, press once again will resume the job. (Although it is not recommended, if you want to urgently stop an unwanted printing task, you may turn off the power directly and don't forget to cancel the print task from the computer at the same time).
2. Press and hold the feeder button for about 3 seconds until you hear one beep, Aobio will run the **Intelligent Label Study** process. This process is recommended each time you change the label sizes.
3. Press and hold the feeder button for about 5 seconds until you hear two beeps. Aobio will print a technical test page. If the test page looks good, it indicates that the printer head is working properly.
4. Press and hold the feeder button for about 15 seconds until you hear three beeps. This will reset the printer to the factory setting. This process is harmless to the printer and can be used if you want the printer to recover from an unknown error.



## 10.SPECIFICATIONS

Model	D4
Printing Method	Direct Thermal
Interfaces	USB Cable
Resolution	203 dpi
Max Printing Speed	152 mm/s
Power Adapter	24 V / 2.0A
N. Weight	2.0lbs / 900g
G. Weight	3.6lbs / 1.6kg
TPH Printing Life	~700,000 Labels
Paper Width	48-110 mm
Paper Thickness	0.08-0.2 mm
Paper Height	NO Limitations
Storage Environment	Temperature: -40 to 80 °C Humidity: 5-95% (non condensing)
Operating Environment	Temperature: -10 to 50 °C Humidity: 10-90% (non condensing)
Dimensions	W201mm* D80mm* H92mm

## 11.SAFETY NOTICES

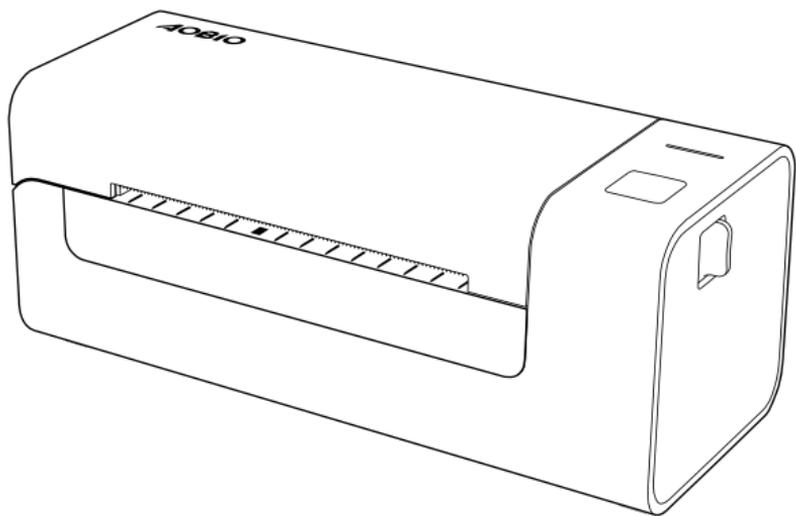
1. **DO NOT** touch the printer head after use.
2. **DO NOT** disassemble or repair the unit by yourself.
3. **USE ONLY** approved accessories.
4. Keep the printer **away from** water, fire, or other objects that could destroy the components.
5. Keep the printer **away from** children.
6. **DO NOT** use the printer if you find any irregularities which could result in electrocution or fire.
7. Please **unplug the power** when not in use for a long time.

## 12.MAINTENANCE

Printer Head Cleaning Steps:

- (1) Please make sure that the printer is powered off and cooling down before cleaning;
- (2) Push the Push Button on the left side to open the printer lid;
- (3) Use the Printer Head Cleaning Wipes to gently apply onto the Thermal Printer Head(no water or other liquid should be applied).

# AOBIO



## Enjoy your printing!

If you have any questions, issues or concerns about this product, please contact AOBIO for support.

You can do this by visiting [www.aobioprinter.com](http://www.aobioprinter.com) or using the below contact options

☎ +1 571410 5259

✉ [service@aobioprinter.com](mailto:service@aobioprinter.com)

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