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USER'S MANUAL

# **LABEL PRINTER**

**LDT060 | LDT060B**



 **3nStar**

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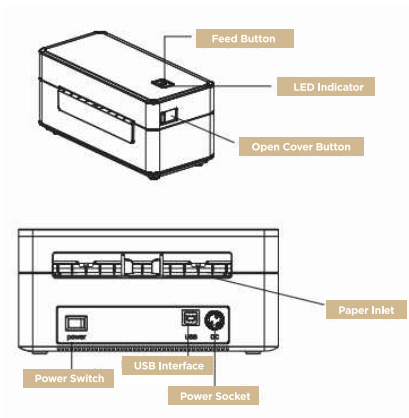
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## DISCLAIMER

Please be aware that the transmission interface and appearance of the printer shown in this picture may differ depending on the specific model you have purchased. For precise information regarding the transmission interface and appearance, we advise consulting the actual product or reaching out to your supplier directly.

# Product Overview



**Feed Button:** Advances the paper through the printer to prepare for printing or to clear jams.

**LED Indicator:** Displays the printer’s status, such as power, error, or print readiness.

**Open Cover Button:** Releases the printer cover, allowing access to the paper roll or print head for maintenance or loading.

**Paper Inlet:** The slot where you load the paper roll into the printer.

**USB Interface:** Connects the printer to a computer or other devices for data transfer and print commands.

**Power Switch:** Turns the printer on or off.

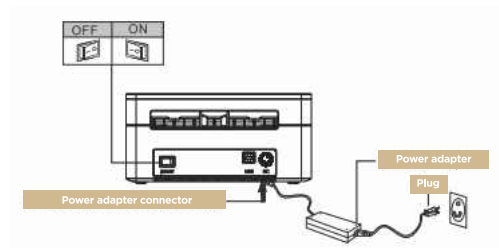
**Power Socket:** The port where the power cord is connected to supply electricity to the printer.

# Box Content

| NAME                                                                               |               | QUANTITY |
|------------------------------------------------------------------------------------|---------------|----------|
|  | PRINTER       | 1        |
|   | POWER CORD    | 1        |
|   | POWER ADAPTER | 1        |
|  | USB CABLE     | 1        |
|   | USER MANUAL   | 1        |

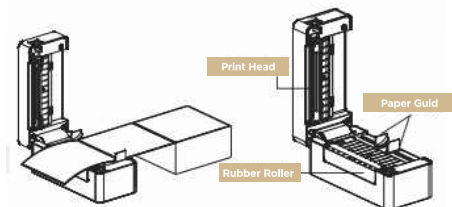
## Printer Setup Instructions

Place the printer on a stable surface and ensure it is turned off.  
Connect one end of the USB cable to the printer and the other end to the computer.  
Insert the power cord into the power socket on the back of the printer, then plug the other end into an AC outlet.

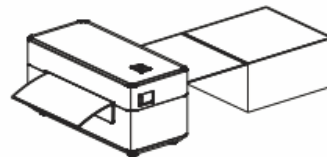


## Installation of Paper:

Press the Open Cover Button to open the top cover of the printer.  
The paper is being placed in the paper bin (print side up).  
Open the printer cover, first pass the paper through the paper guide, and then pull the paper.



4. Close the printer cover to an AC outlet.



## Primary Functions

### PAPER FEED:

When the printer is ready, press the button and the label stock will go to the front of the next label sheet.

### PAUSED PRINTING:

While the printer is printing, pressing the button pauses printing, and the power LED flashes blue. Just press the button and the printer is working again.

### BOOT FUNCTION:

The printer has four power-on functions that can be used to set up or test the printer's hardware. At the same time when the system is turned on, press the button at the same time, and then cooperate with the light signal to release the button to start these functions.

### ACTIVATE BOOT FUNCTION:

Power off the printer.

Turn on the printer while holding down the button.

Release the button under the light indicated by the function you want to start as listed in the table below.

| BOOT FUNCTION                                                                  | INDICATOR COLOR CYCLE MODE |                    |                    |                    |
|--------------------------------------------------------------------------------|----------------------------|--------------------|--------------------|--------------------|
| INDICATOR \ FUNCTION                                                           | RED                        | PURPLE             | BLUE               | BLUE               |
|                                                                                | (Flashing 5 times)         | (Flashing 5 times) | (Flashing 5 times) | (Flashing 5 times) |
| Gap sensor detection                                                           | (Release Button)           |                    |                    |                    |
| 2. Gap sensor detection, printing self test values and entering debugging mode |                            | (Release Button)   |                    |                    |
| 3. Printer initialization (restore factory default values)                     |                            |                    | (Release Button)   |                    |
| 4. Skip the AUTO.BAS program                                                   |                            |                    |                    | (Release Button)   |

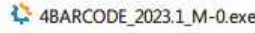
## LED Indicator description

| LED INDICATOR STATUS | DESCRIPTION                                                                    |
|----------------------|--------------------------------------------------------------------------------|
| Blue (fixed)         | Power on, printer on standby to execute printing                               |
| Blue (flashing)      | The printer is downloading data or is in a paused state                        |
| Purple               | The printer is clearing data                                                   |
| Red(fixed)           | Upper cover opening                                                            |
| Red (flashing)       | Printing error, such as running out of paper, paper jam, or memory error...etc |

## Drivers Installation

### Windows USB Driver Installation:

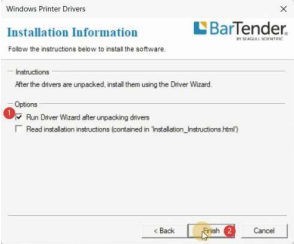
1. Open driver "4BARCODE\_202\*\_\*\_M-\*.exe".



2. Accept the license and "Next"



3. Choose "Run Driver Wizard after unpacking drivers", and "Finish".



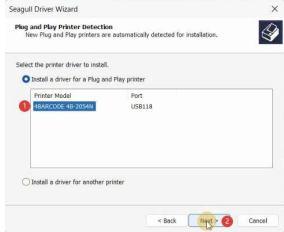
4. Choose "Install printer drivers" and "Next".



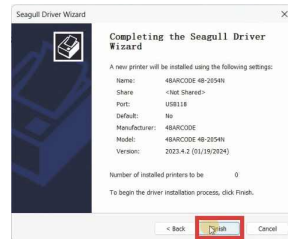
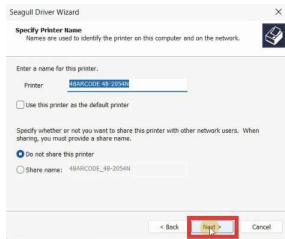
5. Choose "USB".



6. Connect the printer to PC using USB cable and turn on the printer. The Driver Wizard will detect the USB printer. Choose the printer model, and "Next".

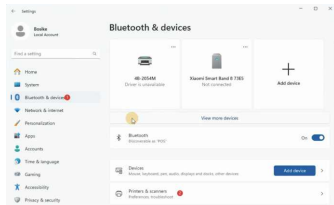


## 7. Then click "Next" and then click "Finish"

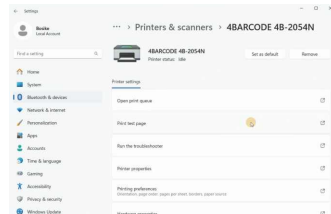


## Windows Driver Test Page:

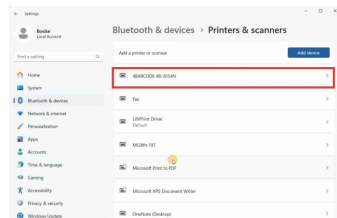
### 1. Open the system Settings, choose "Bluetooth & devices" and "Printers & scanners".



### 3. Print test page.

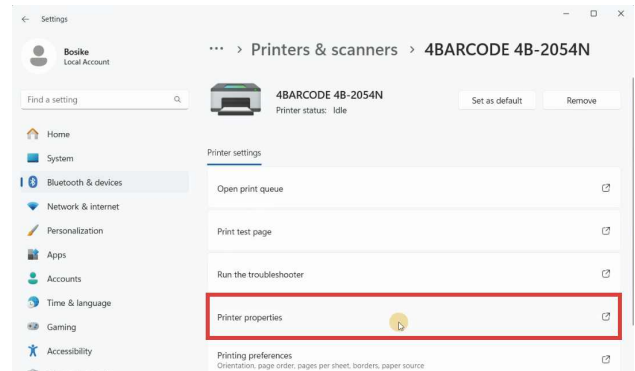


### 2. Choose the printer.

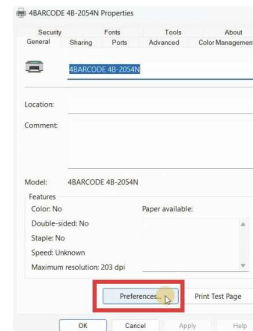


## Windows Driver Paper Size Setting:

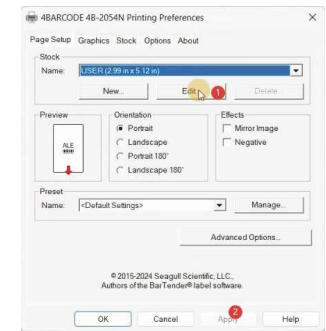
### 1. Choose "Printer properties".



### 2. Choose "Preferences...".



### 3. Edit the paper sizes and "Apply".



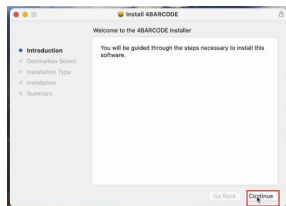
## MacOS Driver Installation

### USB DRIVER INSTALLATION

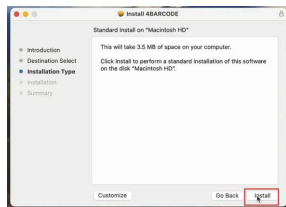
1. Open driver "prt.4barcode.driv\_\*\*\*".



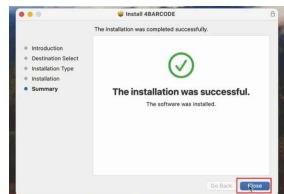
2. Click the "Continue".



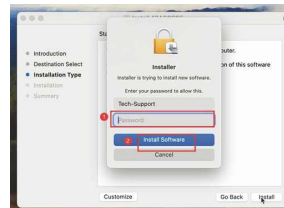
3. Click the "Install".



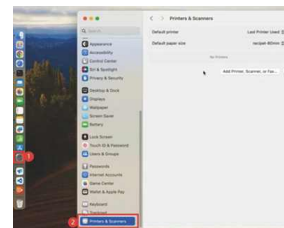
- 3B. Once installation is complete. Then, click "Close".



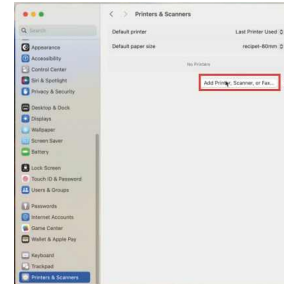
- 3A. If prompted enter your password to allow installation then click "Install".



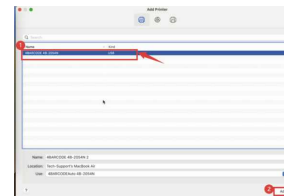
4. Open system settings and click on Printer & Scanner.



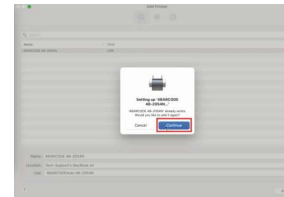
5. Select "Add Printer, Scanner, or Fax...".



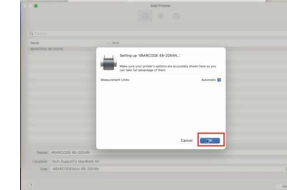
6. Insert the USB port of the printer, it will automatically recognize the printer, click "Add".



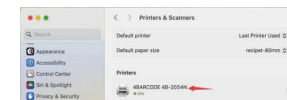
- 6A. If you wish to continue adding this printer, click "Continue".



7. Once the printer has been added click "OK".



8. The printer that was just installed will be displayed here.



## Android Driver Installation

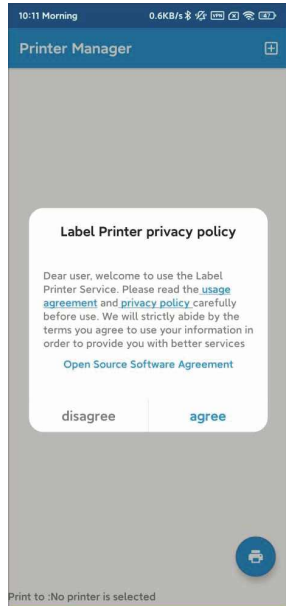
### LABEL PRINTER APP INSTALLATION

Scan the QR code below using an Android device to download the Label Printer App.

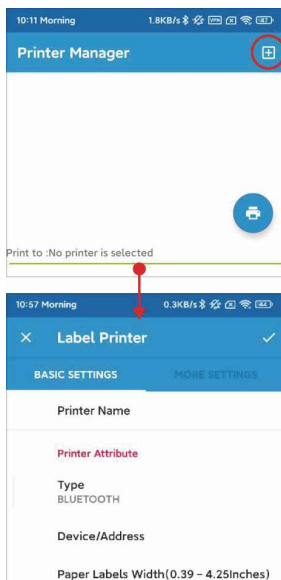


### ADDING NEW PRINTER

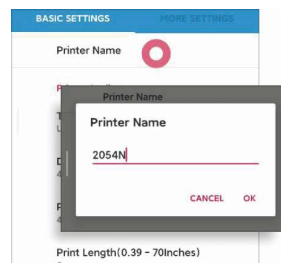
1. Open the app and connect the printer through a USB cable
2. Connect the printer through USB cable. Open the app, agree the privacy policy.



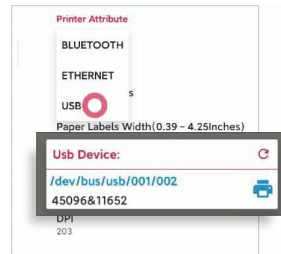
3. Tap the icon on the top right to enter the adding new printer page.



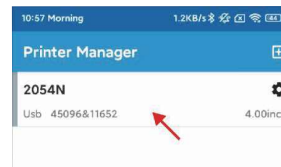
4. Give a name for the printer.



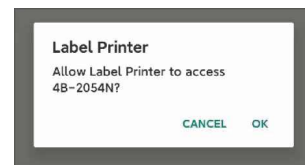
5. Choose the USB connection method, and tap the target device in the USB device list. Finish and tap the icon on the top right to confirm.



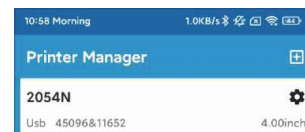
6. The setting has been completed, go back to the main page and tap the new printer to establish the connection.



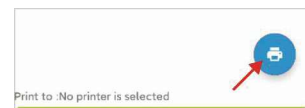
7. Tap OK allowing the app to access the printer.



8. Connected.



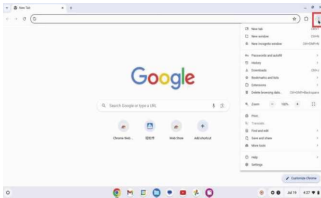
9. Press the round button to print a test page.



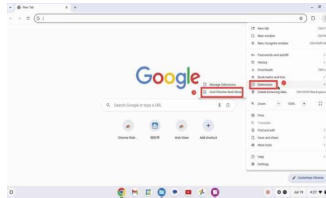


## Chrome USB Driver Installation:

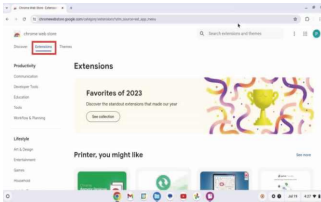
1. Open the Google Chrome browser and click "Menu"



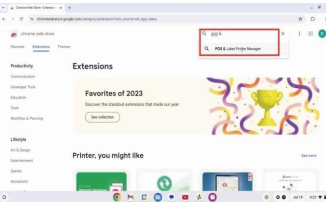
2. Click "Extensions" and select "Visit Chrome Web Store"



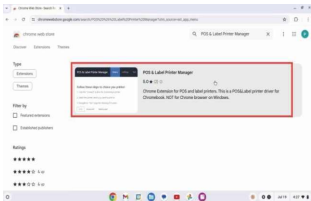
3. Click "Extensions",



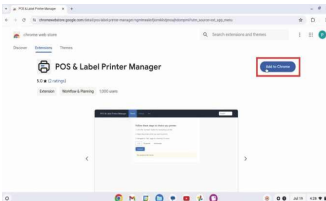
4. Search the "POS & Label Printer Manager" and click it



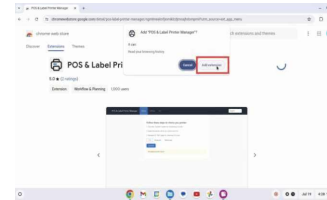
5. Click "POS & Label Printer Manager".



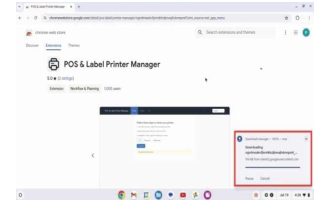
6. Click "Add to Chrome".



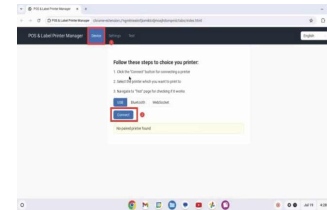
6A. It will ask for Add "POS & Label Printer Manager", click "Add extension".



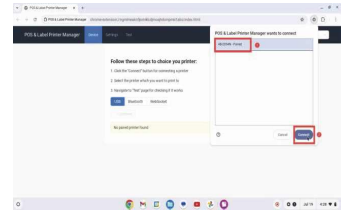
6B. Once clicked, wait for the download to be complete.



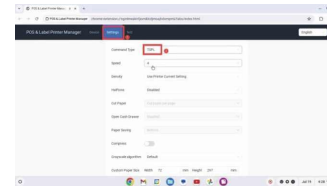
7. Then automatically enter the POS & Label Printer Manager page. Click "Connect"



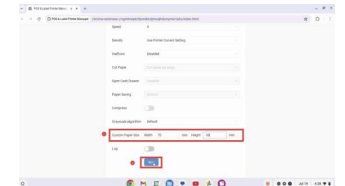
8. Click the model "4B-2054N Paired", and then click "Connect".



9. After successfully connecting to the 4b-2054N, enter the "Settings" page, and the Command Type select "TSPL".

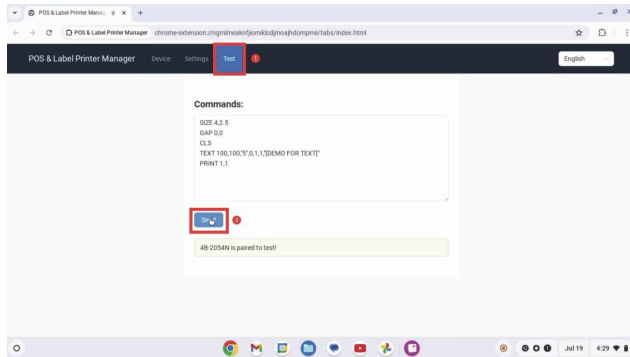


10. Then enter the Customer Paper Size and click "Save". Chrome USB driver installation complete.

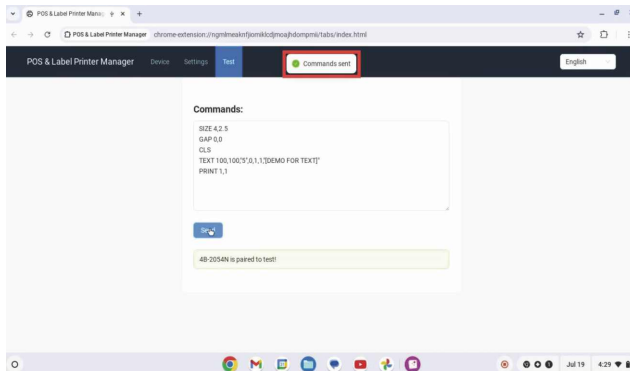


## Chrome Driver Test Page

1. Open the "Test" page and click "send"

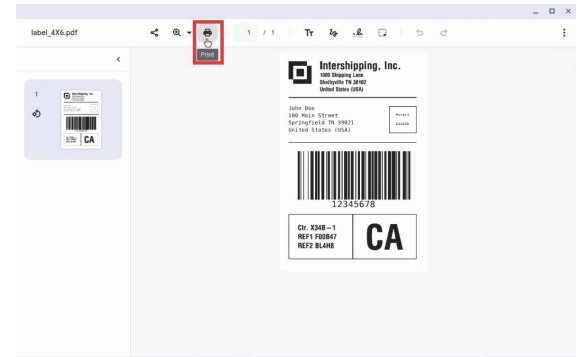


2. Complete.

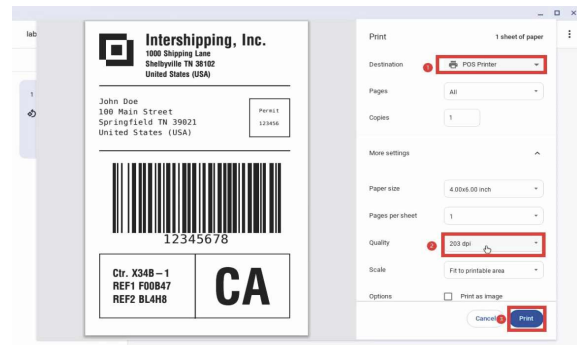


## Chrome PDF Pring Test

1. Open the PDF and click "Print" icon



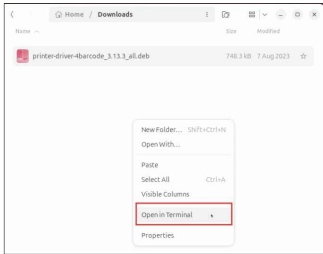
2. The Destination select "POS Printer" and check the Quality, Click "Print".



## Linux Driver Installation

### USB DRIVER INSTALLATION

1. Open Terminal at the driver file's folder.



2. Use command `sudo dpkg -i driver_name` to install the driver.

For example:

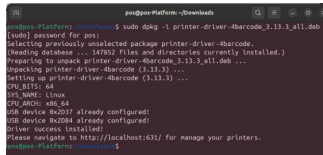
```
sudo dpkg -i printer-driver-4Barcode_3.13.3_all.deb
```



After input the command ant press "Enter" key, It will ask you to input the user password.



Input password, and press "Enter", the driver install finish.



3. Connect the printer via USB cable to the computer, the system will add the printer automatically.

Adding process:

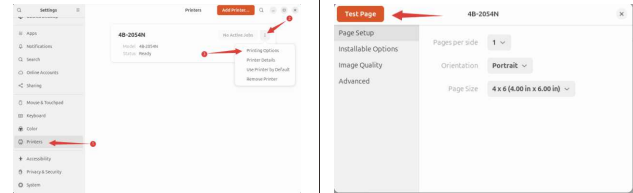


Adding process:



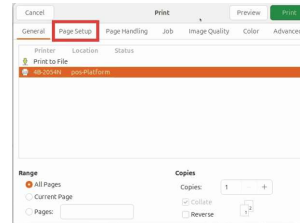
## Linux Driver Test page

Open the system Settings, print test page as the following instructions

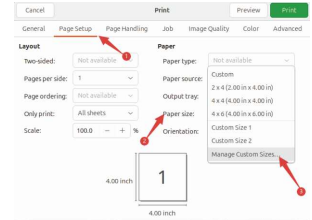


## Linux Driver Paper Sizes setting

1. When print a document, choose the "Page Setup" Tab.



2. You can manage the paper sizes as the following



## Bartender Label Design Installation:

### PREPARATION

Navigate to the director with the bartender ultralite installation package inside.

### INSTALLATION

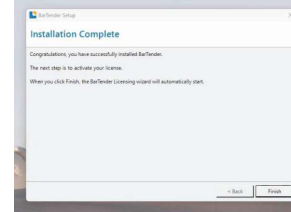
1. Open the "BT2022\_R4\_190734\_Full\_x64.exe".
2. Accept the terms of the license agreement, then click "Install".



3. After clicking "Install" wait until the setup wizard finishes installing

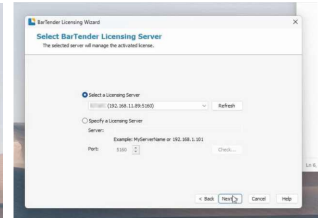


4. Click "Finish" to enter the licensing Wizard.



### ACTIVATION

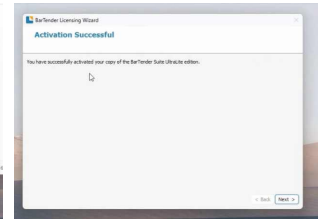
1. Type in your activation key and press "Next"
2. Choose the default option "Select A Licensing Server" and then press "next"



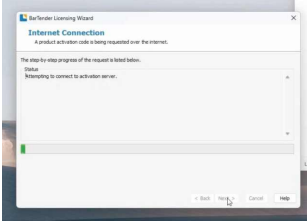
3. Wait for the wizard to finish installation, once finished then click "Next"



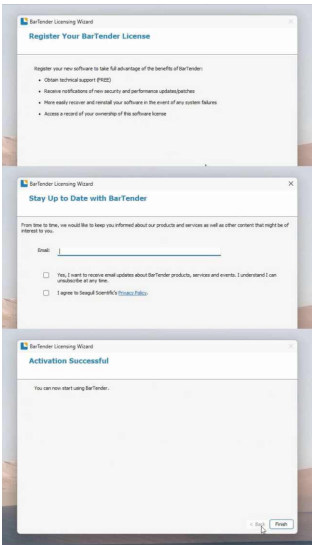
4. Press Next



### 5. Wait for the wizard to finish installation



### 6. Follow the instructions to access all the services or skip to finish. Once done open the software program to use.



## Troubleshooting

The table below outlines common problems encountered by typical operators and provides solutions. If you have followed our troubleshooting suggestions and the printer still fails to function correctly, please contact the customer service department of the business from which you made the purchase for further assistance.

| QUESTION                    | POSSIBLE ELEMENT                                             | SOLUTION                                                                                                                               |
|-----------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| The power light is off      | The AC socket plug is not inserted into the printer's socket | Check the power connector and confirm that the AC plug and printer are connected correctly                                             |
|                             | The printer power switch is not turned on                    | Turn on power switch                                                                                                                   |
| Folding problem             | Uneven print head pressure                                   | Check printhead springs and assembly                                                                                                   |
|                             | The label stock is not installed correctly                   | Install the paper correctly                                                                                                            |
|                             | The print concentration is incorrect                         | Please set the appropriate label printing density                                                                                      |
|                             | The label paper is not inserted correctly                    | Adjust the clip to fit the label Width                                                                                                 |
| The print quality is bad    | The label stock is not installed correctly                   | Reinstall the consumables                                                                                                              |
|                             | There is a build-up of dust or adhesive on the print head    | Clean the print head<br>Clean the rubber rollers                                                                                       |
|                             | The print concentration is not set correctly                 | Adjust print density and speed                                                                                                         |
|                             | The print head is damaged                                    | Print self-measured values, view judgments breakage caused by a damaged print head, If print head is damaged, please return to factory |
| Missing Label when printing | The label size is set incorrectly                            | Readjust the specifications and print                                                                                                  |
|                             | The label sensor is covered by a foreign object              | Clean the sensor of foreign objects                                                                                                    |

| QUESTION                                                    | POSSIBLE ELEMENT                                                      | SOLUTION                                                       |
|-------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------|
| The left and right sides of the printed content are missing | The label size is set incorrectly The maximum print width is exceeded | Set the correct label size Use a roll within the maximum width |

## Routine Maintenance and Care Guide

Maintain your label printer's efficiency and extend its lifespan by following these essential maintenance and care practices:

### CLEANING THE PRINT HEAD AND COTS CLEAN THE PRINT HEAD AND COTS WHEN YOU NOTICE:

Unclear printing  
Loud noise during paper feeding  
Dirt on the print head

### STEPS FOR CLEANING AFTER PRINTING:

Turn off the printer and open the cover.  
Clean the print head and cots with an alcohol-soaked cotton ball.  
Wait 5-10 minutes for the alcohol to evaporate before resuming printing.

### REGULAR MAINTENANCE:

Regularly clean the print head, rubber rollers, and sensors following the steps above.

### IMPORTANT PRECAUTIONS:

Avoid direct contact with the print head.  
Use only medicinal alcohol for cleaning. Industrial alcohol can damage the print head.  
If error messages are frequent, consider cleaning the sensors.

## FCC statements:

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Federal Communication Commission (FCC) Radiation Exposure Statement

When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.