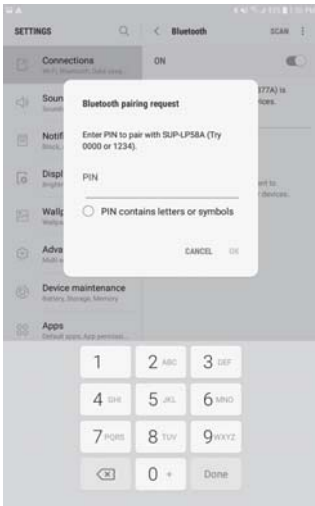
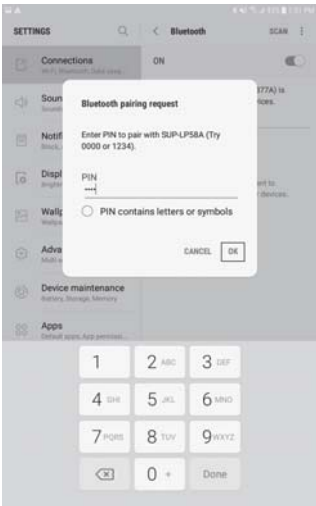


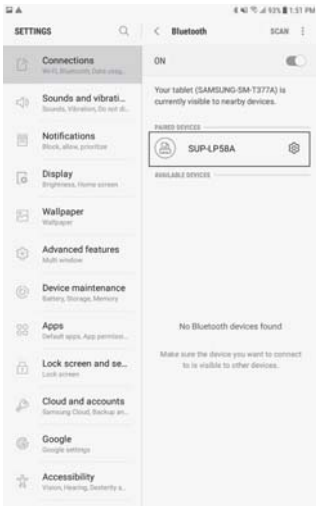
3)Enter PIN.(Default: 0000).



4) Select“OK”or“Pair”



5) Bluetooth communication is available



11. FCC Notification

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

- (1)this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

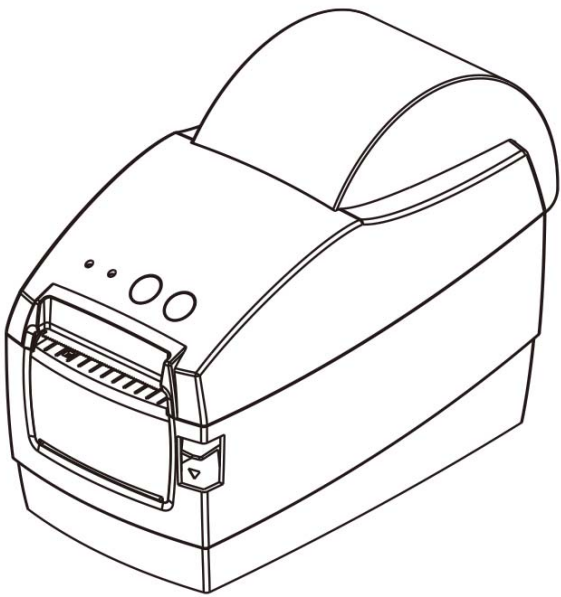
FCC ID: 2AUNTSUP-LP58A

User's Manual

Thermal Printer

SUP-LP58A

FCC ID: 2AUNTSUP-LP58A



Proficient in Commercial Thermal Barcode Printers

SUNPHOR TECHNOLOGY GROUP LIMITED

Rev. 1.01 2019-09-23

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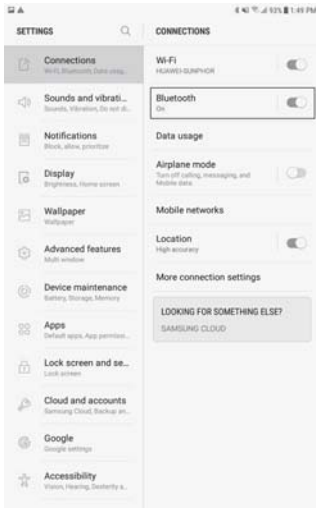
11. FCC Notification 11

Printer Part	Method
Print Head	1. Turn off the printer power before cleaning the print head. 2. Allow the print head to cool for at least one minute. 3. Use a cotton swab and 100% ethanol or isopropoanol to clean the print head surface.
Platen Roller	1. Turn off the printer power. 2. Rotate the platen roller and use a cotton swab or lint-free cloth to wipe it thoroughly with 100% ethanol or isopropoanol.
Exterior	Wipe it with water-dampened cloth.
Interior	Use a vacuum or blower brush to clean the dust.

- Note:
- Always turn off the printer power before cleaning the printer.
 - Do not touch print head by hand. Tweezers is not allowed to use for cleaning,otherwise the print head, platen roller or sensor may be damaged.
 - Please use 100% ethanol or isopropoanol DO NOT use medical alcohol, gaso-line or acetone, which may damage the print head and platen roller.
 - Do the sensor calibration after cleaning the sensors.
 - Only turn on the printer and resume printing job after the ethanol or isopropoa-nol volatilized.

10. Bluetooth Connection Instructions

- 1) Go to device's setting, select "Bluetooth".
- 2) Select the printer to connect.



8. Indicators and Buttons, Buzzer

The printer has two indicators (POWER indicator is a blue light and ERROR indicator is a red light) and two buttons (PAUSE and FEED). (Note: POWER=ONLINE)

8.1 Indicators :

Item	Indicators Status	Descriptions
1	POWER indicator is ON ERROR indicator is OFF	Printer is powered on and in normal print mode
2	POWER indicator is ON,and flashes normally	No printing data transfer to printer
3	POWER indicator is ON, and stop flashing	Printing data is on transferring to printer
4	POWER indicator is ON ERROR indicator is ON	Top cover is opened, or top. cover is no covered tightly
5	POWER indicator is on flashing ERROR indicator is ON Buzzer goes 3 beeps	1. Label paper is using out, or get jammed 2. Label roll in, but didn't feed successfully

8.2 Buttons

Item	Functions	Descriptions
1	Feed	Press the FEED button when POWER indicator is on and ERROR indicator is off. It feeds the label to the beginning of the next label
2	Pause	Press button during printing and the printing is suspended. Press FEED button, to resume Printing

8.3 Buzzer

- 1, When the Top Cover is open, ERROR indicator is on and buzzer beeps twice.
2. When label paper use out, get jammed, or didn't feed successfully, ERROR indicator is on and Buzzer goes 3 beeps.
3. If Buzzer beep fastly and many times, please restart printer.

9. Maintenance

9.1 Printer Cleaning

To ensure printing quality, please proceed review section to keep your printer in good condition and to extend its life.

Please use one of following material to clean the printer:

- Cotton swab
- Lint-free cloth
- Vacuum / Blower brush
- 100% ethanol or isopropanol

The cleaning process is described as follows.

1. Introduction

Thanks for choosing the Sunphor thermal label printer SUP-LP58A. This product provides reliable performance and high printing quality at an economical price. With powerful functions and easy operation design, SUPLP58A is your best choice of thermal label printer.

⚠ CAUTION, NOTE

⚠ CAUTION: MUST COMPLY, OTHERWISE THERE IS THE RISK OF HUMAN HARM AND/OR DEVICE DAMAGE.

⚠ NOTE: CONTAINS IMPORTANT INFORMATION AND TIPS FOR PRINTERS OPERATION.

SAFETY WARNING

PLEASE READ THE BELOW WARNINGS AND NOTES CAREFULLY BEFORE USING THE PRINTER,

1.1 SAFETY WARNING

⚠ CAUTION: THE PRINT HEAD IS A HEATED PART, PLEASE DO NOT TOUCH THE PRINT HEAD AND OTHER PARTS AROUND IT IN AND AFTER THE PRINTING PROCESS.

⚠ CAUTION: DO NOT TOUCH THE PRINT HEAD AND PLUG-IN PARTS TO AVOID PRINT HEAD DAMAGE.

⚠ CAUTION: DO NOT TOUCH THE PAPER TEAR-OFF KNIFE TO AVOID HARM.

1.2. Safety Notice:

1. Install the printer on a stable surface. Choose a firm and level surface which avoids vibration or shaking.
2. Keep enough space for printer operation and maintenance,
3. Do not plug in or unplug with wet hands.
4. Do not use and store the printer under high temperature, moist and dirty environment. Keep printer away from water, sunshine, high lights and heat source.
5. Keep the plastic bag out of children's reach.
6. Connect AC power adapter to a proper power outlet. Avoid use of the same outlet with other large electric machines which generate voltage fluctuation.
7. Unplug the printer power cord from outlet when you do not plan to use it for long period.
8. Do not let water or conducting material (eg. metal) get into the printer.
9. When printing quality meet your needs, we recommend you set low grade print density.
10. Do not try to disassemble, repair or remodel the printer by yourself.
11. If you observe a strange smoke, odor or noise from the printer, unplug it before taking following measures.
 - *Turn off the printer and unplug it from the outlet.
 - * After the disappearance of the smoke and/or odor, call your dealer to repair it.
12. You must use only the supplied adapter. It is dangerous to use other adapters.
13. Do not bend the cable by force or leave it under any heavy object.

2.General Information

2.1 Introduction

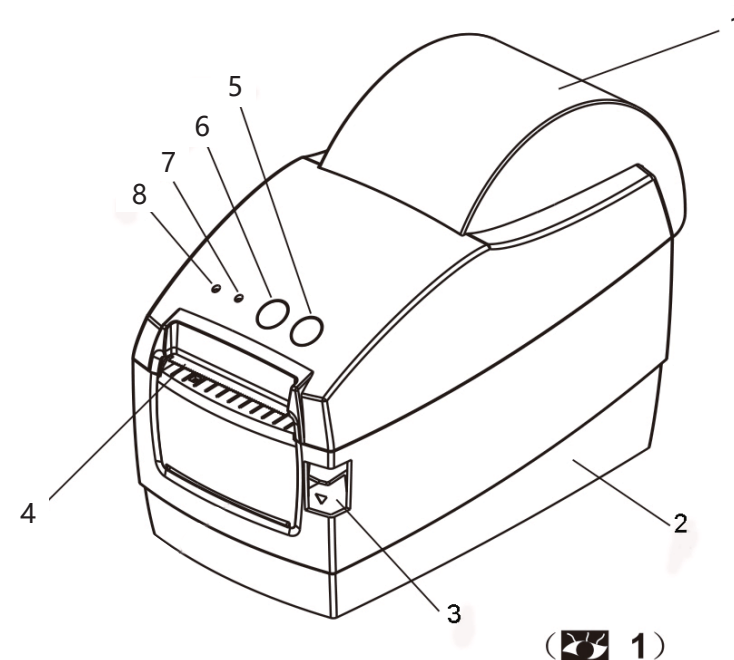
SUP-LP58A is designed for real-time and batch label printing.The printer can be connected with other equipment with USB+Bluetooth interface ,It supports different paper media, including thermal paper roll, thermal label paper and sticker paper.

It accepts roll feed, die-cut and fan-fold labels. All common bar code formats are available. Font and bar codes can be printed in 4 directions and in 1 to 10 times enlargement size. High performance and efficiency of label printing saves your time!

2.2 Main Features

- Supports thermal paper roll, thermal label paper and sticker paper.
- Support printing media width from 20mm to 60mm.
- Auto temperature control for durable printing.

3.Printer Parts



- | | | |
|--------------------|---------------------------|--------------------------|
| 1- Top Cover | 2- Base housing | 3- Top Cover Open Button |
| 4- Label Exit | 5- Feed Button | 6- Pause Button |
| 7- Error Indicator | 8- ONLINE/POWER Indicator | |

6. Quick Start

6.1 Unpacking

Open the printer package and check the printer parts according to packing list. If any parts are missing or damaged, please contact the local distributor.

6.2 Power Cable Connection

- (1) Make sure the printer power switch is OFF;
- (2) The printer power jack is a 3-pin socket and for 12V DC power input. Please plug the DC cord connector into the printer's power jack properly.

⚠ CAUTION:

- When connecting or disconnecting the plug, always hold the plug but not the cord.
- Avoid pulling the power cord, otherwise any damages may cause a fire or electrocution.
- Avoid placing the power cord around other over heated equipment to prevent power cord melting, which may cause a fire or electrocution.
- We recommend that you unplug the printer from the power outlet if not in use it for a long period.

6.3 Data Cable Connection

- (1) Make sure the printer power switch is OFF.
- (2) Plug the data cable connector into the printer's interface properly.
- (3) Plug the other end of the data cable with the host computer.

⚠ CAUTION:

- Please do not plug the data cable when the printer power is ON.

6.4 Media Installation

To install the sticker paper and label roll, please refer"4. Paper Roll Installation".

7. Gap Sensor Calibration

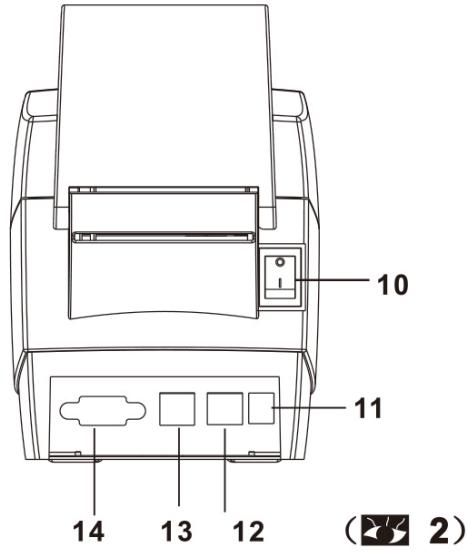
Please press FEED button to calibrate gap sensor before you go to first print.

Note:

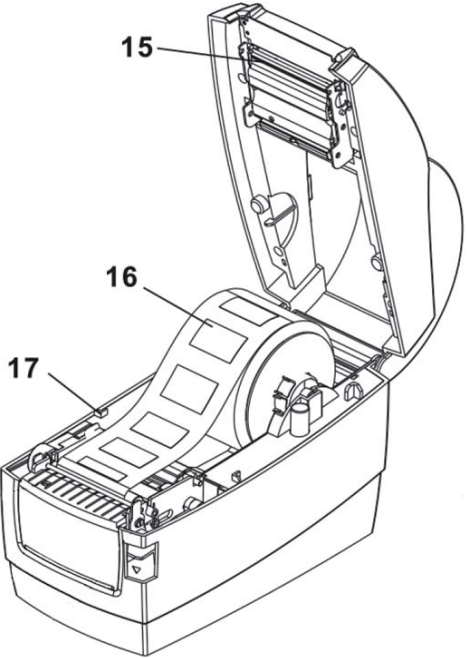
When printed content position is not correctly shown on labels, please restart the printer and press the FEED button. Then print.

SPECIFICATIONS

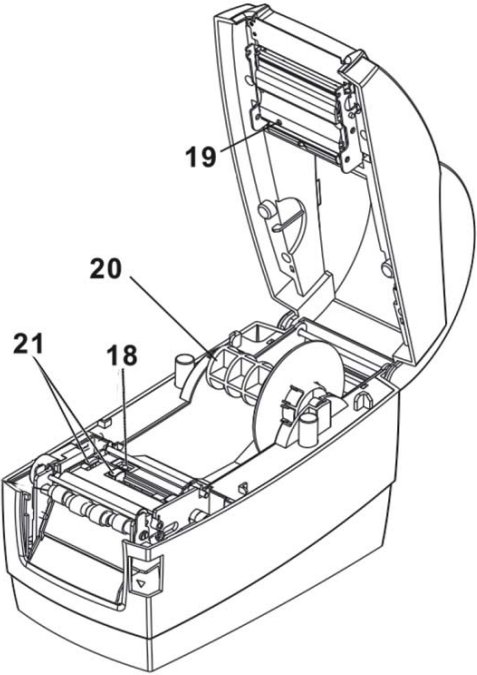
parameter		
print	Print method	Direct thermal line
	Resolution	203dpi
	Paper width	2inch
	Print speed	max.127mm/s min.101mm/s
	Memory	DRAM:64MB FLSH:32MB
	Temperature sensor	Thermal Sensitive Resistance
	Print head Position sensor	Microswith
	Paper Presence sensor	Photoelectricity sensor
	Interface	Serial+USB
Barcode Font Graphics	Barcode	CODE128/EAN128/IF/CODE39/CODE 93/EAN13/EAN13+2/EAN13+5/EAN8/ EAN8+2/EAN8+5/CODABA/POSTNET /UPCA+2/UPCA+5/UPCE+2/UPC-E+5 /UPC-E/UCE+2/UPC-E+5/CPOST/MSI /MSIC/PLESSEY/ITF14/EAN14
	Internal font	ASCII,English FONT 12 to FONT 48
	Enlargement & Rotation	1to10 times enlargement in both directions 0°、90°、270°、360°rotation
	Graphics	1to10 times enlargement in both directions 0°、90°、270°、360°rotation
Media	Media type	Continuous,sticker,fan-fold etc.
	Media width	20-60mm
	Media diameter	Max.110mm
	Paper of mode	Tear-off
Power	Input&Output	110-240V/~50/60Hz 2.0A;12/4A
Physical	work	5~45℃ , 10~80%RH
	Storage	-10~50℃ , ≤90%RH
	Dimension	220×110×160mm (W×L×H)
	Weight	1.1kg



- 10- Power Switch 11- Power Port 12- USB A-Type Port(WLAN Dongle)
13- USB B-Type Port 14-Serial Port



(3)

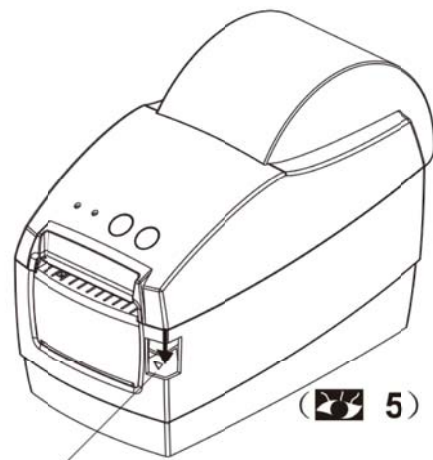


(4)

- 15- Print Head 16- Paper Roll 17- Limiting Block 18- Paper Presence Sensor
19- Light Transmission Sensor Light Source 20- Paper Roll Spindle
21- Paper guide parts(can be a adjusted according to your need.)

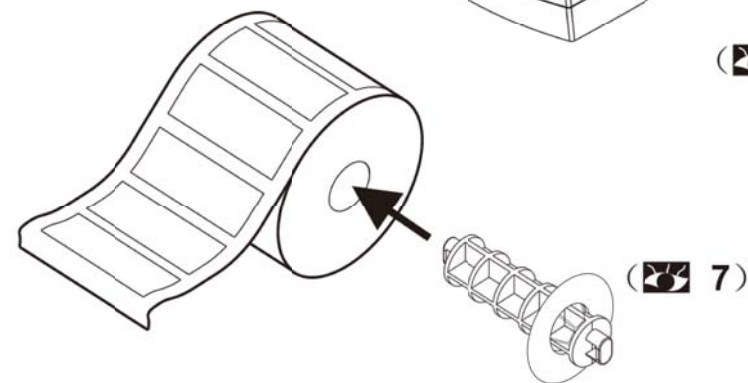
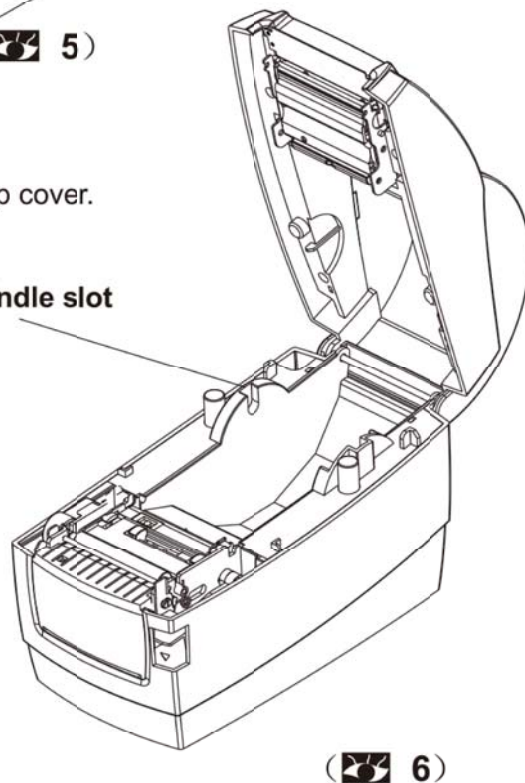
4. Paper Roll Installation

(1) Insert the paper roll spindle into paper roll, and put it into printer compartment, positioning it correctly into the spindle slots inside the printer.



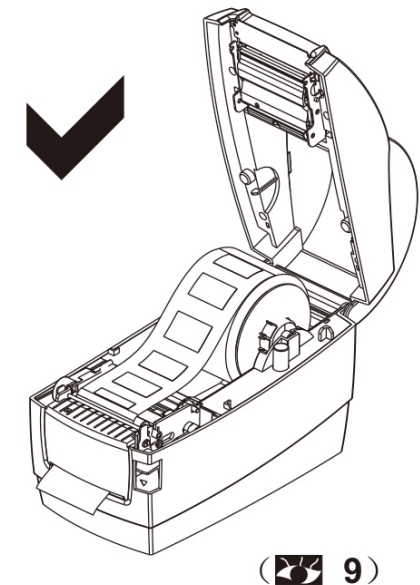
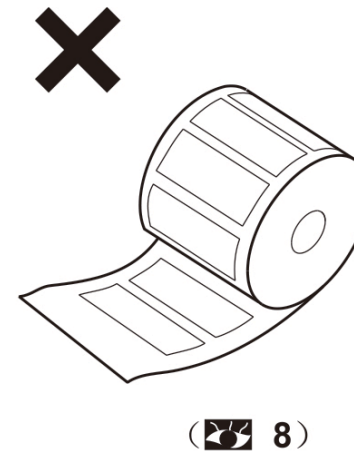
① Press the button to open the top cover.

Paper roll spindle slot



② Insert the paper roll spindle into the paper roll, and adjust the spindle position to make it in the center of the paper roll.

③ Place the paper roll spindle into the slot and ensuring the label paper is facing up as shown in the picture.



5. Specification

The printer supports both continuous and non-continuous paper.

- Continuous type: Paper roll without adhesives.
- Non-continuous type:
 - 1) Label paper without adhesives.
 - 2) Sticker paper.