

# SK58 Label Printer User Manual

## Manualsum, simplified manuals

### Table of Contents

- [SK58 Label Printer User Manual](#)
  - [Preface](#)
    - [About this manual](#)
    - [International practice](#)
    - [Related manual information](#)
    - [Precautions](#)
    - [Safety instructions](#)
  - [Including accessories](#)
  - [Print part name](#)
  - [Preparation before use](#)
  - [Basic functions](#)
  - [Indicator light status description](#)
  - [Communication](#)
    - [Wired communication](#)
    - [Wireless communication](#)
  - [Repair and maintenance](#)
    - [Routine maintenance of printer](#)
    - [Use and storage of printing paper](#)
  - [Troubleshooting](#)
  - [Printer parameter table](#)

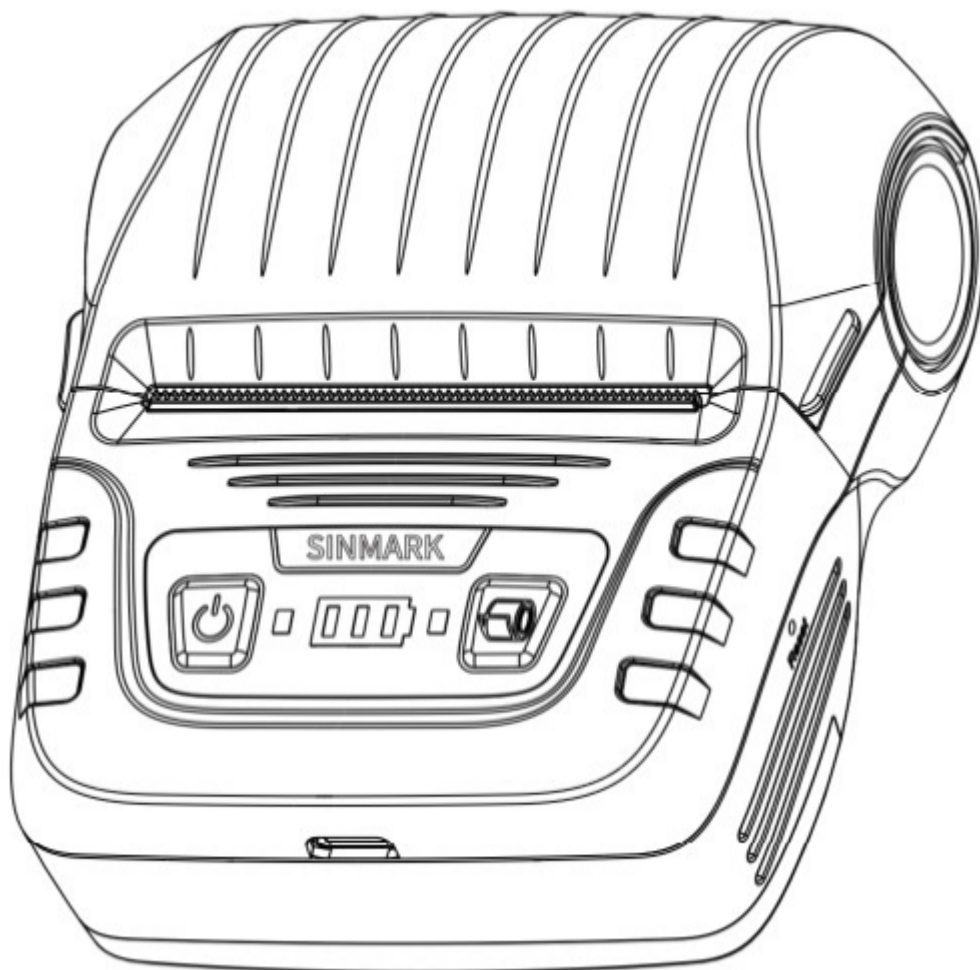
# SK58 Label Printer User Manual

SK58 Label Printer User Manual

Shanghai Dengyuan Information Technology 2BHQB-SK58 Label printer User Manual

[2BHQB-SK58](#)

[Manualsum](#)



## Preface

### About this manual

Thank you for purchasing our SK58 label printer

This manual can help you learn to use this product simply. Please read this manual before use and keep it properly so that everyone who uses this product can read it.

### International practice

To facilitate access to information, this manual uses the following symbols (icons) and conventions:



Warn This symbol indicates a warning that improper use may cause property damage.



Notice This symbol indicates caution. Improper use may cause personal injury or damage to items.



Remark This mark indicates remarks. The listed information will allow you to better use the product or extend the use of the project.

## **Related manual information**

The following manuals provide detailed information on various technical issues:

1. "SK58 Product Specification" provides a detailed description of the hardware/physical/technical parameters of this product.
2. "SK58 Development Manual" provides detailed description of product development.

## **Precautions**

- As we strive to improve and upgrade the functionality and performance of all products, our company reserves the right to change the software and hardware specifications in these manuals with necessary prior notice.

Note From here on out in this manual "label printer" is referred to simply as "printer"

- If you find any errors or omissions in the information in these manuals, please report it to us or your dealer, for which we are deeply grateful.
- The contents of the manual attached to this product may not be reproduced, disseminated, stored in a retrieval system, or translated into other languages in any form or form without the prior written permission of our company.

### **Statement**

This type of product is a Class A product. In a living environment, this product may cause radio interference.

In this case, the user may be required to take effective measures against the interference.

## **Safety instructions**

Please observe the following precautions when using the printer:

- Notice Do not disassemble the printer by yourself, please read this manual carefully before use.

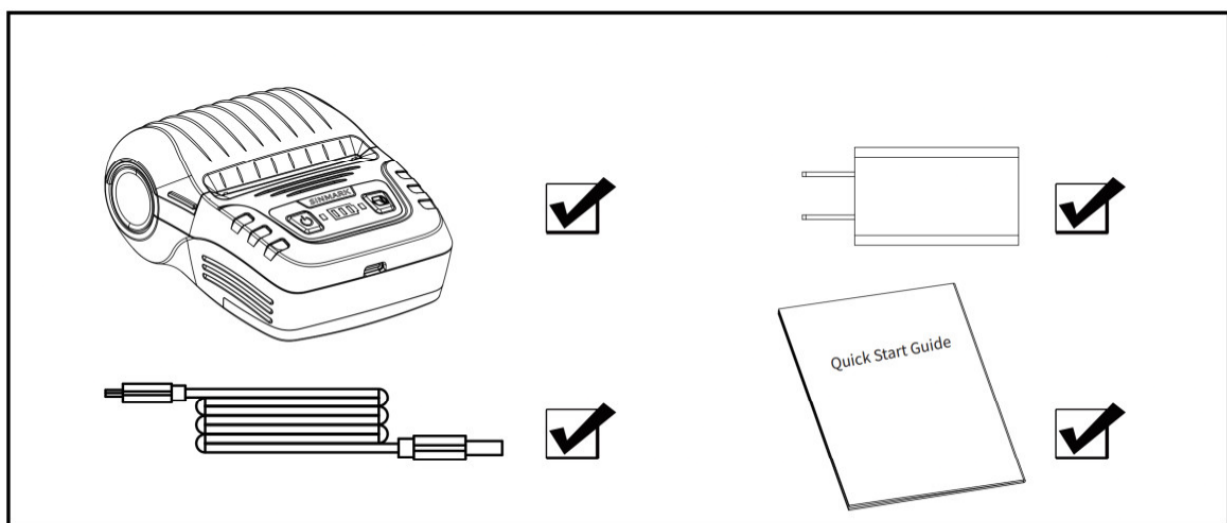
- Warn In the event of a malfunction, please turn off the power immediately. When you find smoke or a strange smell coming from the printer or charger, please unplug the charger immediately and be careful to avoid burns.
- Warn Please do not use the printer near flammable materials such as gas stations and fuel warehouses.
- Warn When charging, be sure to place the printer and charger in a ventilated place with a temperature of -5°C to 50°C, and be sure to use the charger provided by the manufacturer. Using an unapproved charger may cause danger and also violates the manufacturer's regulations. stipulated warranty terms.
- Notice When the printer is printing, please do not open the paper compartment cover, otherwise unpredictable conditions may occur and the printer may be damaged.
- Notice After printing, the print head is still at a high temperature. Please do not touch it to avoid burns.
- Notice Please do not use solvents. For example: wipe the printer casing with benzene, thinner or alcohol. Please do not use corrosive chemicals and detergents to contact the printer. Only use a clean soft cloth to gently wipe the printer.
- Notice Please use our company's original or approved printing paper, otherwise it may lead to poor printing quality or even damage to the printer core.



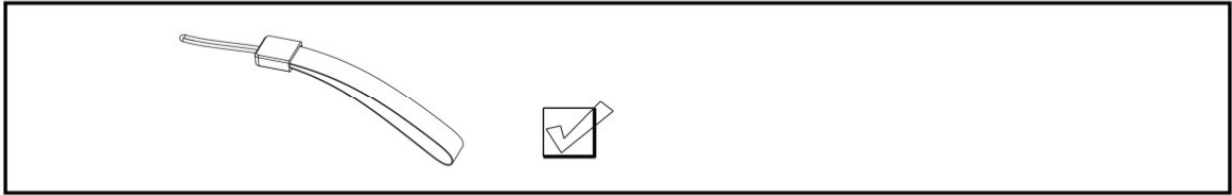
The illustrations and text shown in this manual may be inconsistent with the actual

## Including accessories

### Standard accessories

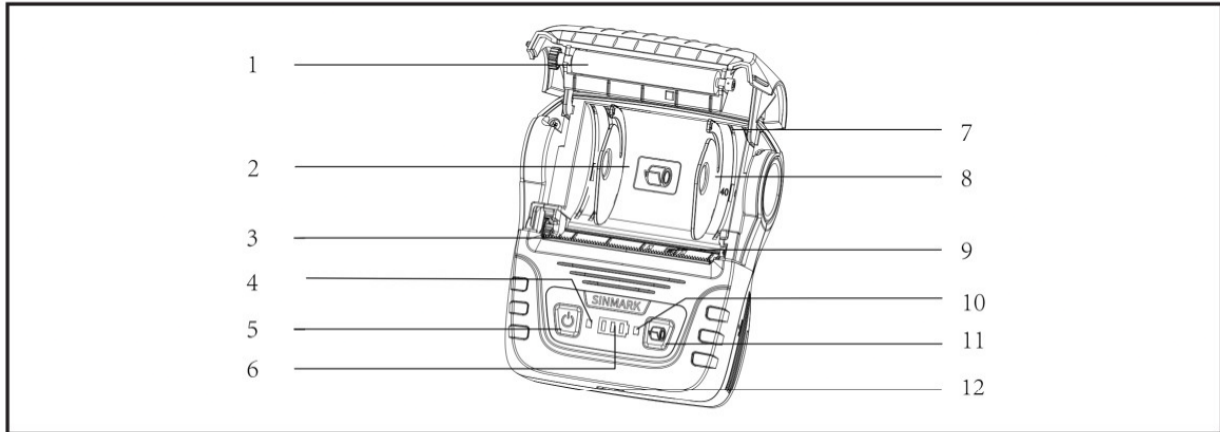


### Optional accessories



## Print part name

### Key parts list

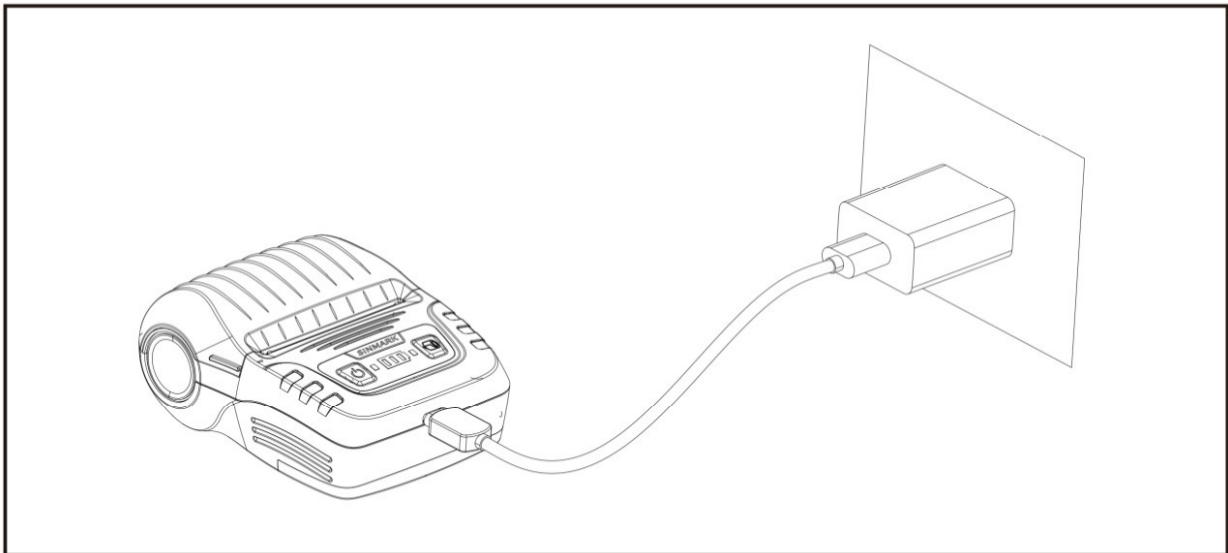


1. Printing roller
2. Paper warehouse
3. Tearing knife
4. Bluetooth indicator
5. Power on button
6. Power indicator
7. Paper stop card slot
8. Cardboard stopper
9. Paper detection sensor
10. Abnormal indicator
11. Feed button
12. USB interface

## Preparation before use

### Precautions:

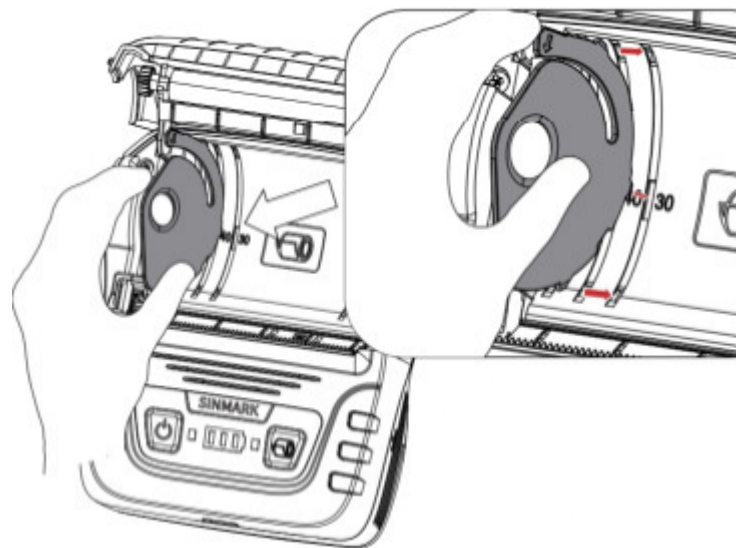
1. Comes standard with 18650 (3.7V 2000mAh battery), removable. USB-Type-C charging & communication interface (input 5V=1A)
2. Please fully charge the battery before using it for the first time. When using the printer after long-term storage, it also needs to be fully charged to keep the battery in optimal condition.



**1)** Open the paper compartment upwards

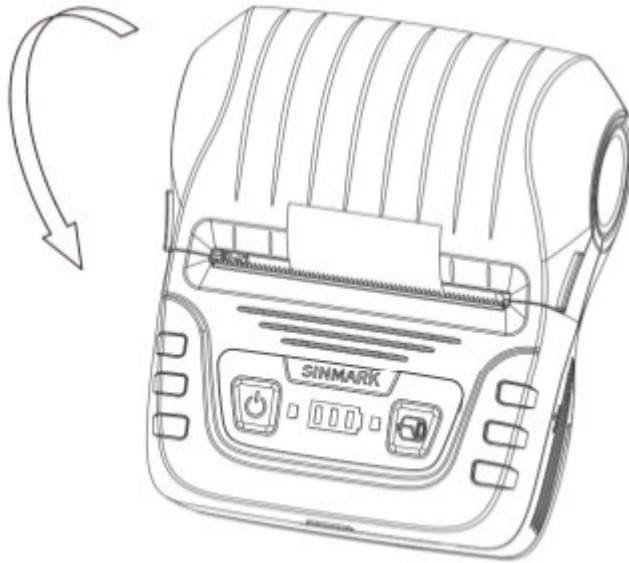


**2)** Put the cardboard into the paper bin according to the roll paper specifications



**4)** Close paper bin

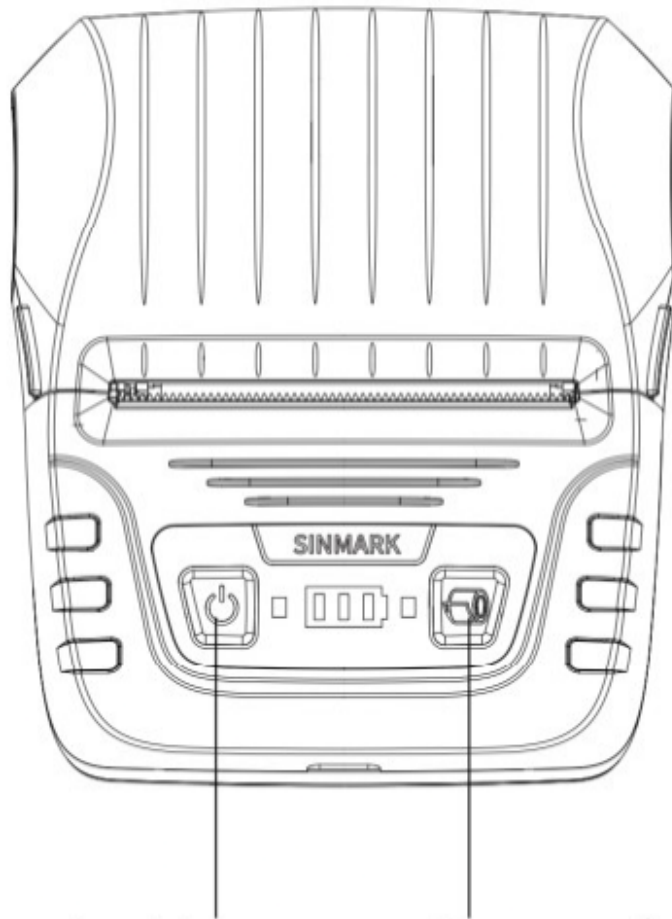
**5)** Scan the QR code to download SINMARK



IOS/Android

## Basic functions

1. Power on: Press and hold the power button for 3 seconds, the printer will power on.
2. Shut down: When the printer is on, press and hold the power button for 2 seconds to shut down the printer.
3. Short press the paper feed button to feed the paper 20mm and stop when it encounters the label seal. Press and hold the paper feed button to feed the paper 50mm and stop when it encounters the label seal.
4. Short-press the paper feed button 3 times continuously to increase the printing density (Darkness) by 1 level. When it exceeds the maximum 5 levels, it returns to 1 level.
5. Press the paper feed button 5 times continuously to increase the print quality by 1 level. When it exceeds the maximum level 3, it will return to level 1.

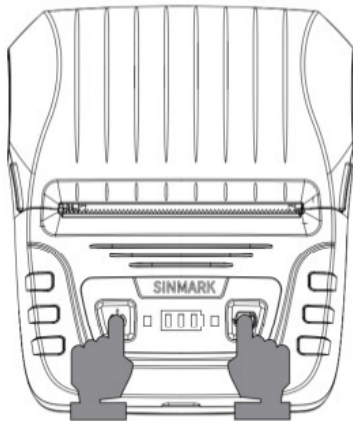


power button

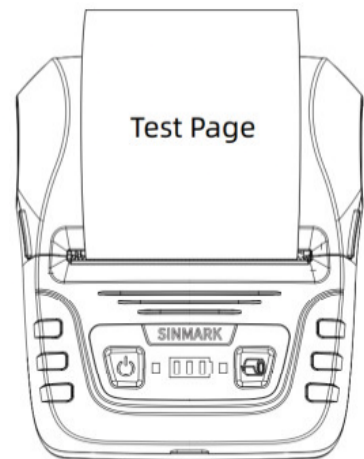
Paper feed button

#### 6. Print the self-test page

  
**OFF**



  
**ON**

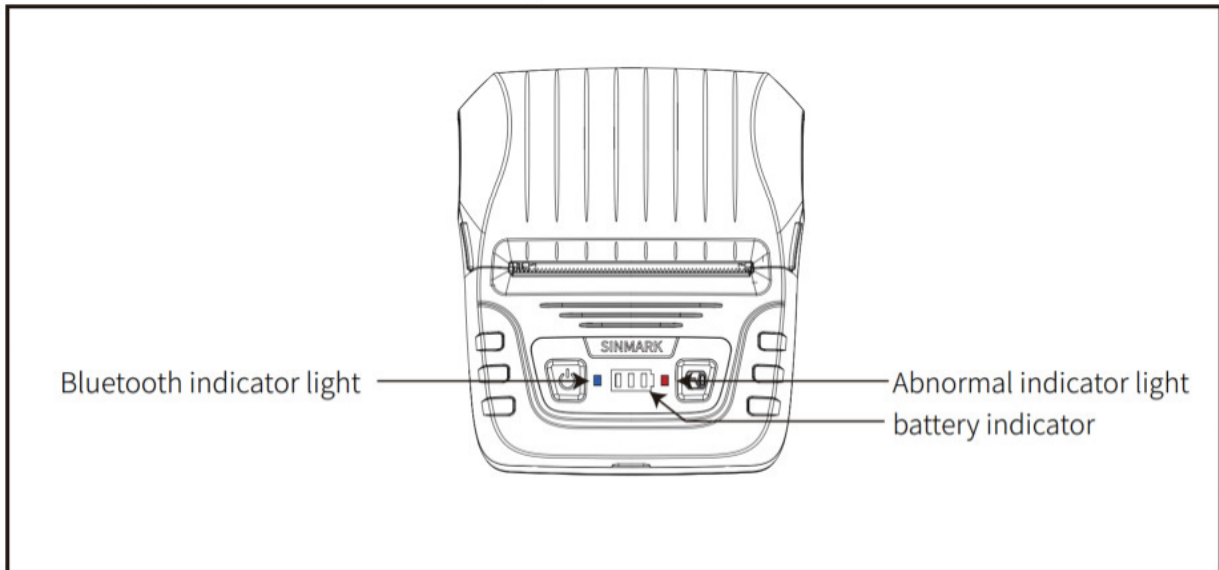


When the printer is turned off, press and hold the power button and paper feed button at the same time for 3 seconds. The printer will turn on and print a self-test page.



# Indicator light status description

## Detailed explanation of indicator lights



When the battery is normal, the battery indicator light displays white.

- **Battery indicator**

When the battery indicator light on the left keeps flashing, the printer will shut down after 10 seconds. Please charge it as soon as possible.

- **Bluetooth indicator light**

Blue: Bluetooth connection is normal. Off: Bluetooth is not connected.

- **Charging indicator**

When the printer starts charging, the battery indicator light will flash from left to right, and will stop flashing after charging is completed.

- **Abnormal indicator light**

Red:

1. Paper out of state.
2. The print head is overheated.

Off: normal state.

## Communication

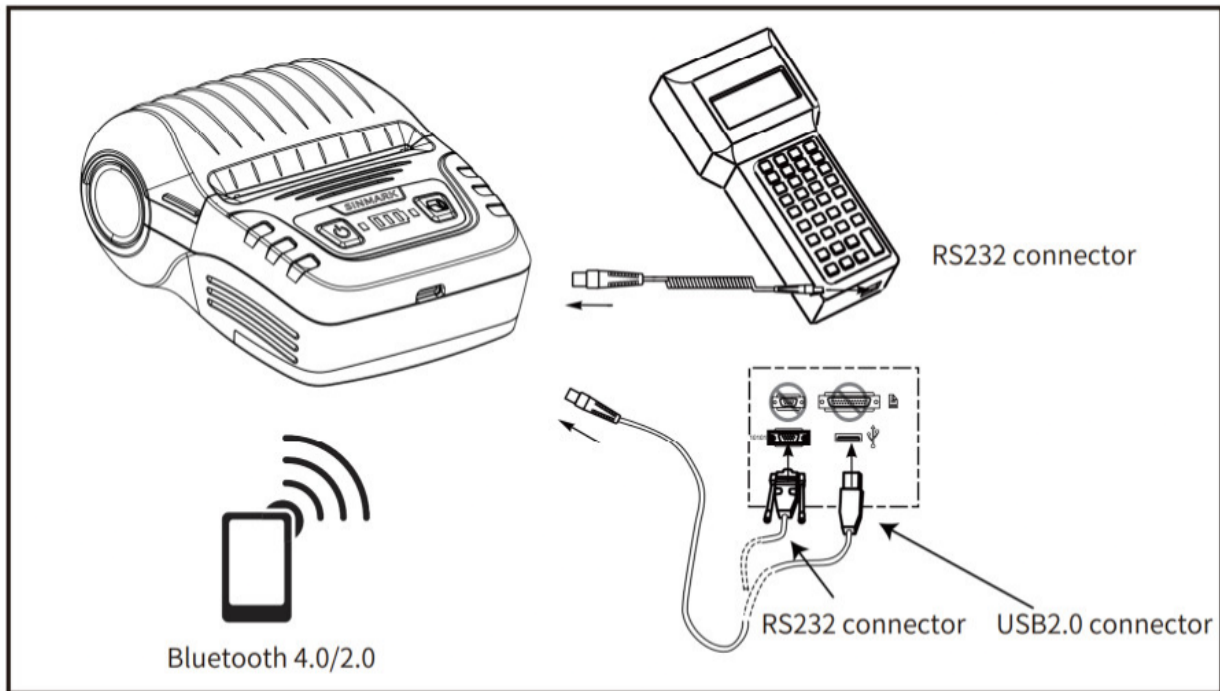
### Wired communication

The printer is equipped with a USB2.0 communication interface (some models can be equipped with an optional RS232 interface), which can be found in the [Manualsum](#).

conduct wired communication with the host device equipped with a USB interface.

## Wireless communication

The printer is equipped with a Bluetooth Class2 communication interface (Bluetooth2.0/4.2), which can communicate wirelessly with devices equipped with a Bluetooth interface. The Bluetooth name and address can be obtained by printing the self-test page.

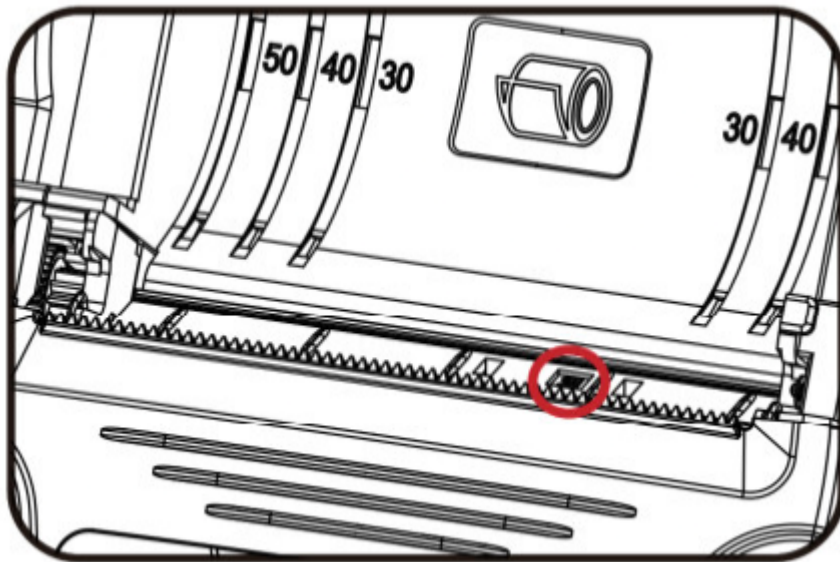


## Repair and maintenance

### Routine maintenance of printer

1. Cleaning of the outside of the printer and the paper bin: Please use a wrung-out damp cloth to gently wipe the printer surface and the inside of the paper bin. Note that the wet cloth must be completely wrung out.
2. Cleaning of the detection sensor: The detection sensor must be cleaned regularly. The cleaning method is as follows:

Use absorbent cotton dipped in absolute alcohol to gently wipe the part of the printer core indicated by the thick circle in the picture on the left until it is clean.



## Use and storage of printing paper

1. Please avoid storing newly purchased printing paper in places exposed to direct sunlight or high temperatures. Please do not tear open the wrapping paper when storing.
2. Please store the printed documents at room temperature (around 20°C) and away from light. This can effectively extend the storage time of the documents.
3. If user documents need to be stored for a long time, please choose long-lasting thermal printing paper.

## Troubleshooting

Anomalies	Abnormal	Solution	Refer to page number
<b>Abnormal indicator</b>	Out of paper status	Load printing paper	4
	Paper bin cover turn on	Close the paper compartment cover	4
	Print head overheat	Wait for the print head to cool before printing	-
<b>Print out blank page</b>	Printing paper installed backwards	Printing paper direction change installation	-
<b>Blurred printing</b>	The print head has foreign body	Clean the print head	-
	Printer paper poor color development	Set higher blackness or change printing paper	-

<b>Print receipts in weeks or The handwriting is blurred for several months</b>	Printer paper poor quality	Choose printing paper with a longer shelf life	
	Environment Temperature is too high	Please store away from light and at room temperature (20°C)	-
<b>Printer automatically shuts down</b>	Battery exhausted	Please charge now	3

## Printer parameter table

<b>Print Parameters</b>	Printing method	Line thermal printing
<b>Print Parameters</b>	Maximum print speed	50mm/s
<b>Print Parameters</b>	Resolution	203dpi
<b>Print Parameters</b>	Point distance	0.125mm
<b>Print Parameters</b>	Effective printing width	48mm
<b>Print Parameters</b>	Type	Thermal receipt paper, thermal sticker paper
<b>Print Media</b>	Width	bill: 58mm Stickers: 50mm. 40mm. 30mm
<b>Print Media</b>	Paper thickness	0.05-0.18mm
<b>Print Media</b>	Paper roll outer diameter	No greater than 40mm
<b>Print Media</b>	Paper loading method	Clamshell style paper loading, easy to load paper
<b>Print Media</b>	Paper ejection method	Paper ejects from top; thermal side faces out
<b>Print Media</b>	Paper cutting method	Plastic paper tearing knife, manual tearing
<b>Print Content</b>	English Fonts	Height: 16, 20, 24, 28
<b>Print Content</b>	Chinese font	Height: 16, 20, 24, 28
<b>Print Content</b>	Encoding	ASCII; GBK (GB18030double byte) ; Unicode
<b>Print Content</b>	Print characters	Chinese, Chinese characters, numbers, various symbols
<b>Print Content</b>	Rotate printing	Support (0 degrees, 90 degrees, 180 degrees, 270 degrees)
<b>Print Content</b>	One-dimensional barcode	EAN—8; EAN—13; ITF, UPC—A; UPC—E; Gadehar

Code93: Code139; Code128

QR code QRCode. PDF417. Data Matrix. Grid Matrix  
Bitmap Black and white monochrome bitmap (straight line, curve, table, picture)

**Physical properties**

Dimensions 101.8mm\*86.7mm\*48mm

**Physical properties**

Bare metal weight 188g(Battery included, paper roll not included)

**Physical properties**

Packing box size 123.5mm\*106.5mm\*52.5mm

**Physical properties**

Total weight (including packaging) 255g

**Physical properties**

Full box size 535mm\*344mm\*182mm

**Physical properties**

Quantity 36 units

**Physical properties**

Full box weight 9.8kg

**Interactive interface**

Operation input 2 buttons

**Interactive interface**

Message output Status indicator light, power indicator light

**Interactive interface**

Wired communication USB-Type-C

**Interactive interface**

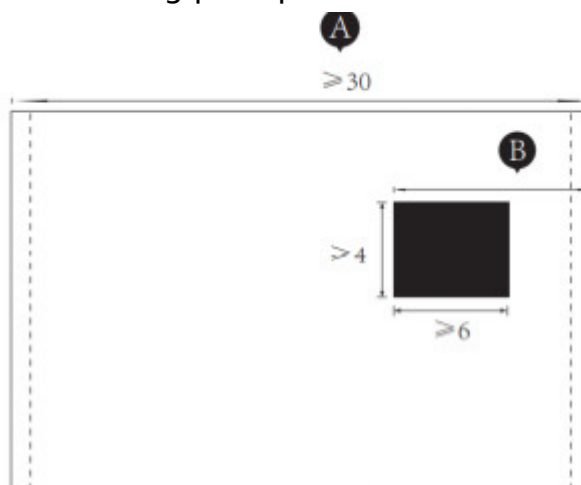
Wireless communication Bluetooth 2.0+4.2Dual mode bluetooth

**Interactive interface**

Tag detection Reflective label detection, no virtual cutting seam, label seam  $\geq 2\text{mm}$

Abnormal detection Paper shortage prompt; cover opening detection; low battery prompt; overheating prompt

Black mark detection



<b>A</b>	<b>B</b>
<b>30mm</b>	<b>9.5mm</b>
<b>40mm</b>	<b>14.5mm</b>
<b>50mm</b>	<b>19.5mm</b>
<b>58mm</b>	<b>22mm</b>

Middle black mark detection Black mark  
on printing surface location reference

	Programming instructions	ESC/POS CPCL
<b>Power supply</b>	Battery capacity	3.7V 2000mAh lithium ion
<b>Power supply</b>	Battery removal method	Removable
<b>Power supply</b>	Data cable	USB-Type-C data cable
<b>Environmental parameters</b>	Operating temperature	0~50degrees celsius
<b>Environmental parameters</b>	Storage temperature	-20~60degrees celsius
<b>Environmental parameters</b>	Operating humidity	35%~85%No condensation
<b>Environmental parameters</b>	Storage humidity	10%~-90%No condensation
	Print life	50Km(12.5% printing density) / 100 million pulses
	Battery Life	300 charge and discharge cycles >60% battery
<b>Reliability</b>	Printing length on one charge	About 100m (12.5% printing density)
<b>Reliability</b>	Certification	CCC
<b>Other</b>	Printer parameter settings	Use App settings
<b>Other</b>	Charging time	4 hours
<b>Other</b>	Standby time	60 hours