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## KAYSION SK20

# KAYSION SK20 Bluetooth Thermal Label Printer User Manual

Model: SK20

## 1. INTRODUCTION

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This manual provides detailed instructions for the safe and efficient operation of your KAYSION SK20 Bluetooth Thermal Label Printer. Please read this manual thoroughly before using the device and retain it for future reference.

The KAYSION SK20 is a compact, inkless thermal label printer designed for various labeling needs in home, office, and retail environments. It connects via Bluetooth to smartphones and tablets, and via USB to Mac OS and Windows computers.

## 2. PACKAGE CONTENTS

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Verify that all items are present in the package:

- KAYSION SK20 Label Printer
- USB Type-C Charging Cable
- 3 Rolls of Thermal Labels (40x30mm)
- User Manual (this document)

## 3. DEVICE OVERVIEW

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Familiarize yourself with the physical components of your SK20 label printer.



Image: The KAYSION SK20 label printer, highlighting its compact design and the label output area.

# KAYSION SK20 Label Maker

Good Helper for Your Work and Family



Ink-Free Printing



Wireless  
Connection



Batch Printing



Long Battery  
Life



Intelligent Recognition



50mm Width



Automatic  
shutdown



2000 mAh Lithium  
Battery

Image: Overview of the KAYSION SK20 Label Maker, illustrating its key features such as ink-free printing, wireless connectivity, and long battery life.

## 4. SETUP AND FIRST USE

### 4.1 Charging the Device

Before first use, fully charge the printer. Connect the provided USB Type-C cable to the printer's charging port and to a standard USB power adapter (not included) or computer USB port. The indicator light will show charging status.

- **Charging Indicator:** Typically, a red light indicates charging, and a green or blue light indicates a full charge. Refer to the device's LED indicator for specific status.

### 4.2 Loading Labels

Proper label loading is crucial for optimal printing. Follow these steps:

1. Open the printer cover by gently pushing the release button or sliding the cover open.

2. Insert the label roll into the label compartment, ensuring the printing side of the label faces upwards and the roll is seated correctly.
3. Pull a small length of label paper out, extending it past the print head.
4. Close the printer cover firmly until it clicks into place. Ensure the label paper is straight and not creased.

## Operating Steps



1

Opening SK20 and  
consumable installation



2

Turn on your phone  
Click on 'Connect Machine'  
Select printer model



3

Choose templet  
and start to edit

Image: Visual guide for loading labels and initial app setup, showing the printer open for label installation.

### 4.3 App Download and Installation

To use the printer with your smartphone or tablet, download the dedicated application:

- **For Android devices:** Search for "Print Label" in the Google Play Store.
- **For iOS devices (iPhone/iPad):** Search for "Zlabel" in the Apple App Store.

Install the app on your device.

## 5. OPERATING INSTRUCTIONS

### 5.1 Connecting to the Printer

The SK20 printer supports both Bluetooth (for mobile devices) and USB (for computers) connections.

### 5.1.1 Bluetooth Connection (Android/iOS)

1. Ensure the printer is powered on. The power button is usually located on the front or side of the device.
2. Enable Bluetooth on your smartphone or tablet.
3. Open the "Print Label" (Android) or "Zlabel" (iOS) app.
4. Within the app, navigate to the device connection section (often labeled "Connect Machine" or similar).
5. Select "SK20" or the appropriate printer model from the list of available devices. The app will pair with the printer.

### 5.1.2 USB Connection (Mac OS/Windows)

For Mac OS and Windows computers, use the provided USB Type-C cable to connect the printer directly to your computer. Driver installation may be required. Refer to the manufacturer's website for the latest drivers and software for your operating system.

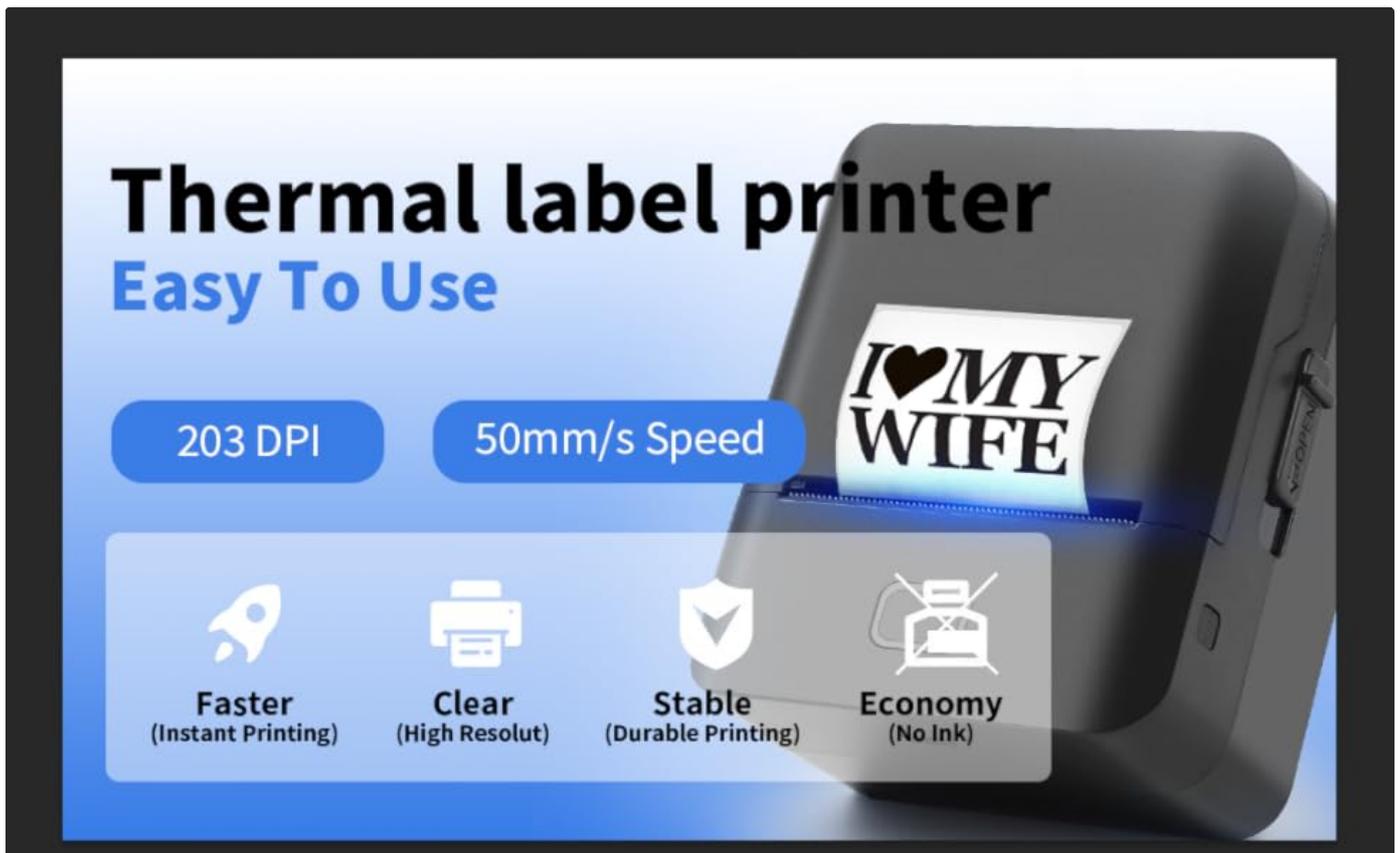


Image: The KAYSION SK20 printer demonstrating both USB and Bluetooth connectivity options with a laptop and a smartphone.

## 5.2 Creating and Editing Labels

The mobile application provides various tools for label creation:

1. **Select Template:** Choose from pre-designed templates or start with a blank canvas.
2. **Add Content:** Insert text, images, QR codes, barcodes, and other elements.
3. **Customize:** Adjust font styles, sizes, alignment, and layout. The app allows for precise control over label design.
4. **Preview:** Always preview your label before printing to ensure accuracy and desired appearance.

# Support Various Style Labels

Effective print width: 20mm~50mm/0.78in~2in

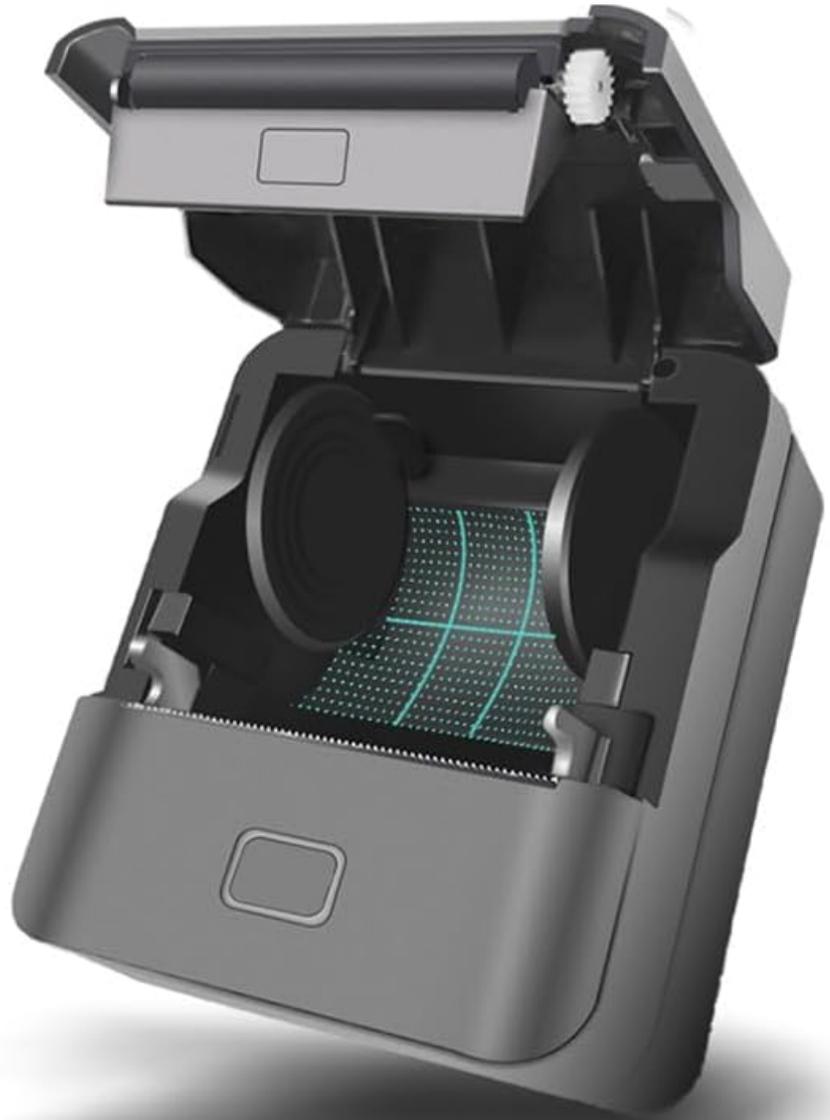


Image: The KAYSION SK20 printer supports various label styles and sizes, from small square labels to larger rectangular ones, with an effective print width of 20mm to 50mm.

## 5.3 Printing Labels

Once your label design is complete and the printer is connected:

1. Tap the "Print" button within the app.
2. Confirm print settings, such as the number of copies.
3. The printer will feed and print the labels.
4. Gently tear off the printed label along the serrated edge.

Your browser does not support the video tag.

Video: This video demonstrates the process of creating a shopping list label on a smartphone app, sending it to the KAYSION SK20 printer, and printing it. It also shows printing a graph label.

Your browser does not support the video tag.

Video: This video showcases the KAYSION SK20 label printer's versatility by demonstrating the printing of various label types, including white, transparent, holographic, circular, hang tags, and cable labels. It illustrates the ease of loading different label rolls and applying the printed labels to various items like bracelets and cables.

## 6. MAINTENANCE

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### 6.1 Cleaning the Print Head

To maintain print quality, regularly clean the print head:

1. Turn off the printer and disconnect it from power.
2. Open the printer cover.
3. Gently wipe the print head (the dark strip) with a cotton swab lightly dampened with isopropyl alcohol.
4. Allow the print head to dry completely before closing the cover and turning the printer back on.

### 6.2 Label Storage

Store thermal labels in a cool, dry place away from direct sunlight and heat to prevent fading and degradation of the adhesive.

## 7. TROUBLESHOOTING

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If you encounter issues with your KAYSION SK20 printer, refer to the following common problems and solutions:

### 7.1 Printer Not Connecting

- **Check Power:** Ensure the printer is turned on and has sufficient battery charge.
- **Bluetooth (Mobile):** Verify Bluetooth is enabled on your device and the printer is selected within the app. Try forgetting the device in your phone's Bluetooth settings and re-pairing.
- **USB (Computer):** Ensure the USB cable is securely connected. Check if the necessary drivers are installed on your computer.
- **Restart:** Try restarting both the printer and your connecting device.

### 7.2 Poor Print Quality / Blank Prints

- **Label Orientation:** Ensure the thermal label roll is loaded with the printing side facing the print head.
- **Print Head Cleanliness:** A dirty print head can cause blank lines or faded prints. Clean the print head as described in Section 6.1.
- **Label Quality:** Use high-quality thermal labels. Old or improperly stored labels may not print correctly.
- **App Settings:** Check print density settings within the app, if available.

# High Quality Printing

## Print clearly 203DPI

**50-70** mm/s

**203** DPI

**50+label** /1 miute



Image: The KAYSION SK20 printer highlighting its high print quality (203 DPI) and speed, capable of printing clear labels quickly.

### 7.3 Labels Not Feeding Correctly

- **Label Roll Position:** Ensure the label roll is properly seated in the compartment and not jammed.
- **Cover Closed:** Make sure the printer cover is fully closed and latched.
- **Label Type:** Verify that the label type and size selected in the app match the physical labels loaded.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	SK20
Brand	KAYSION
Printing Technology	Thermal
Connectivity Technology	Bluetooth, USB Type C

Feature	Specification
Max Print Resolution	203 DPI
Max Print Speed (Monochrome)	60mm/s (2.4"/s)
Maximum Media Size	20-50mm
Compatible Devices	Smartphones, Tablets (Android, iOS), Mac OS, Windows PCs
Control Method	App
Ink Type	Inkless
Battery	1 Lithium Polymer battery (included)
Item Weight	1.12 pounds (approx. 508g)
Product Dimensions	4.92 x 3.54 x 2.55 inches (12.5 x 9 x 6.5 cm)

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the KAYSION official website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

**Manufacturer:** Shanghai Dengyuan Information Technology Co., Ltd