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NIIMBOT B21

NIIMBOT B21 Label Maker User Manual

Model: B21 | Brand: NIIMBOT

Introduction

The NIIMBOT B21 Label Maker is an inkless Bluetooth thermal label printer designed for various labeling needs, from small businesses to home organization. Its portable design and advanced features make it a versatile tool for creating custom labels quickly and efficiently.

Key Features:

- **Inkless Thermal Printing:** Eliminates the need for ink, toner, or carbon tape, reducing operational costs.
- **Bluetooth Connectivity:** Seamlessly connects to your smartphone via the NIIMBOT APP for easy label creation and printing.
- **Wide Label Compatibility:** Supports label widths from 0.8" to 2" (20-50mm), suitable for various applications.
- **Long Battery Life:** Provides up to 4 hours of continuous working on a single charge. Automatic shutdown after 15 minutes of inactivity conserves power.
- **User-Friendly App:** Features automatic template matching, image recognition, batch printing, and a wide selection of fonts and image materials.
- **Durable Labels:** Labels are designed to be waterproof, oil-proof, scratch-resistant, and tear-resistant.

What's Included

Your NIIMBOT B21 Label Maker package includes the following items:

- 1 x NIIMBOT B21 Label Maker
- 1 x User Manual
- 1 x Type-C Cable
- 1 x Roll Label Tape (50x30mm - 230pcs)



Image: Contents of the NIIMBOT B21 Label Maker package.

Setup Guide

1. Parts and Components

Familiarize yourself with the different parts of your NIIMBOT B21 Label Maker:

- **Paper Exit Slot:** Where printed labels emerge.
- **LED Indicator:** Shows device status (e.g., power on, charging, Bluetooth connection).
- **Power Button:** Used to turn the device on/off and initiate paper alignment.
- **Charging Port (USB-Type-C):** For connecting the charging cable.
- **Paper Cover Switch:** Used to open the label compartment.

▶ **Watch video online**
How to use B21 Thermal Label Printer?

Video: Detailed overview of the NIIMBOT B21 Label Maker's parts and components, along with instructions on how to use it.

2. Inserting the Label Paper

1. Open the paper cover by pressing the rod on its side.
2. Adjust the paper slot to fit the width of your label roll (20-50mm).
3. Place the label roll on the spindle, ensuring the labels feed from underneath and the tip of the tape is facing up. The roll must fit snugly against both sides of the label spool, with no gaps, to ensure proper feeding.
4. Ensure that 2-5mm of the label paper remains outside the machine.
5. Close the paper cover.



Image: The NIIMBOT B21 Label Maker with its top cover open, illustrating the process of inserting a label roll and adjusting the paper slot.

3. Power On/Off

To power on the device, press and hold the Power Button for 3 seconds. The green LED light will flash, and the machine will automatically align the paper. To power off, press and hold the Power Button again until the device shuts down.

Operating Instructions

1. Download the NIIMBOT APP

The NIIMBOT B21 Label Maker operates via the dedicated NIIMBOT APP. Download the app from your device's app store:


App Store


Google Play

Search for "NIIMBOT" and install the official application.

2. Pair the Label Maker with Your Mobile Device

1. Ensure your NIIMBOT B21 is powered on and your phone's Bluetooth is enabled.
2. Open the NIIMBOT APP. You may need to agree to the User Agreement and Privacy Policy.
3. In the app, select your device model (B21 Series) from the list. You can verify the model number on the product box.
4. The app will search for nearby devices. Click on the corresponding printer model (e.g., B21-C2BE123XXXXX) to connect.
5. Once paired successfully, the printer model will be displayed in the upper right corner of the app. The app will also automatically identify the template of the label paper currently in the printer.



Image: The NIIMBOT app demonstrating automatic identification and Bluetooth connection with the B21 Label Maker.

3. Creating and Printing Labels

1. Click the template in the app to see the tag information. Click it again to enter the editing page.
2. Double-click the default text box to edit the content. You can also add new text boxes, barcodes, QR codes, images, and tables.
3. Adjust the text box position and customize font, style, and spacing as needed.
4. After editing, click "Print" to enter the print setup page.

5. Adjust the number of copies and print density according to your needs.
6. Confirm your settings and click "Print". The label maker will then print your labels.

▶ **Watch video online**

How to use B21 Thermal Label Printer?

Video: Step-by-step guide on how to create and print labels using the NIIMBOT B21 Label Maker and its mobile application.

4. Usage Scenarios

The NIIMBOT B21 is ideal for a wide range of applications:

- **Small Business:** Labeling clothing, crafts, retail items, jewelry, price tags, and barcodes.
- **Home Organization:** Labeling pantry items, storage bins, spices, and personal belongings.
- **Office & School:** Organizing documents, files, and supplies.
- **Personal Use:** Creating custom labels for gifts, candles, mailing addresses, and even printing photos.



Image: Examples of how the NIIMBOT B21 Label Maker can be used in different settings.

▶ **Watch video online**

Organization your pantry with B21 Label Maker Machine!

Video: Demonstrates organizing a pantry using the B21 Label Maker.

Maintenance

To ensure the longevity and optimal performance of your NIIMBOT B21 Label Maker, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the exterior of the printer with a soft, dry cloth. For the print head, use a cotton swab lightly dampened with rubbing alcohol. Ensure the printer is off and unplugged before cleaning.
- **Storage:** Store the label maker in a cool, dry place away from direct sunlight and extreme temperatures.
- **Label Rolls:** Use only genuine NIIMBOT labels for optimal performance and to prevent damage to the printer. Ensure label rolls are stored properly to avoid damage or dust accumulation.
- **Battery Care:** Charge the device regularly, even if not in frequent use, to maintain battery health. Avoid completely draining the battery for extended periods.

Troubleshooting

If you encounter issues with your NIIMBOT B21 Label Maker, refer to the following common problems and solutions:

- **Printer not connecting via Bluetooth:**
  - Ensure the printer is powered on and fully charged.
  - Verify Bluetooth is enabled on your mobile device.
  - Restart both the printer and your mobile device.
  - Make sure you have the latest version of the NIIMBOT APP installed.
  - Check if the printer is already connected to another device.
- **Poor print quality or faint labels:**
  - Ensure you are using genuine NIIMBOT labels. The printing system utilizes patented label detection technology that only recognizes authentic NIIMBOT labels. Third-party labels lack the required RFID for optimal performance.
  - Adjust the print density setting in the NIIMBOT APP.
  - Clean the print head using a cotton swab lightly dampened with rubbing alcohol.
  - Check if the label roll is inserted correctly and snugly.
- **Labels not feeding correctly:**
  - Ensure the label roll is properly seated on the spindle and fits snugly without gaps.
  - Make sure the paper cover is securely closed.
  - Check for any obstructions in the paper path.
- **Printer not turning on:**
  - Charge the printer using the provided Type-C cable. The LED indicator should show charging status.
  - If the issue persists, contact customer support.

For further assistance, please refer to the Warranty & Support section.

Specifications

Brand	NIIMBOT
Model Name	B21
Printing Technology	Thermal
Connectivity Technology	Bluetooth
Printer Output	Monochrome
Max Print Speed Monochrome	60 mm/s
Maximum Black and White Print Resolution	203 DPI
Maximum Media Size	2 inches (50mm)
Item Weight	9.6 ounces (0.6 lbs)
Product Dimensions	2.36 x 3.15 x 6.3 inches
Batteries	1 Lithium Ion battery required (included)
Control Method	App
Compatible Devices	Smartphones

Warranty & Support

The NIIMBOT B21 Label Maker comes with a**Limited Warranty (12 months)** from the date of purchase. Additionally, NIIMBOT provides **Lifetime Customer Service** to assist with any questions or technical support needs.
For warranty claims, technical assistance, or any product-related inquiries, please contact NIIMBOT customer service through their official channels or the retailer where the product was purchased.
For optimal performance, always use genuine NIIMBOT labels (sold separately).

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