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NIIMBOT B2 Pro

NIIMBOT B2 Pro Label Maker Machine User Manual

Model: B2 Pro

1. Introduction

The NIIMBOT B2 Pro is a portable Bluetooth label maker designed for versatile labeling needs, including photo printing, dual-color printing, and general organization. This manual provides detailed instructions for setting up, operating, and maintaining your device.

2. What's in the Box

Please check the package contents upon unboxing:

- 1 × NIIMBOT B2 Pro Label Maker
- 1 × Roll label tape (50×30mm, pre-installed inside the machine)
- 1 × Type-C Cable
- 1 × Setup Guide



Figure 2.1: The NIIMBOT B2 Pro label maker, a roll of label tape, a Type-C charging cable, and the user manual are included in the package.

3. Product Features

The NIIMBOT B2 Pro label maker offers advanced features for efficient and creative labeling:

- **High Resolution Printing:** 300 DPI for clear text, barcodes, QR codes, and detailed images.
- **Offline Printing:** One-touch printing for real-time dates, last records, or specified templates without app connection.

- **Photo and Dual-Color Printing:** Supports grayscale photo printing and red/black dual-color printing (requires specific label paper).
- **Wide Application:** Compatible with label widths from 20-50mm, suitable for various label types including ordinary thermal, red-black, and grayscale photo paper.
- **Multi-Device Compatibility:** Connects via Bluetooth to iOS and Android mobile devices, and to Windows PCs.
- **Smart App Integration:** The "NIIMBOT" app provides over 1600 templates, fonts, icons, and editing tools for personalized labels, including batch printing.
- **Portable Design:** Lightweight (352g) and compact for easy transport and use anywhere.



Figure 3.1: The B2 Pro features 300 DPI printing for superior clarity compared to 203 DPI, along with compact design, fast printing, automatic paper rewind, inkless thermal printing, Bluetooth connectivity, and a 1500mAh battery.

4. Setup

4.1 Device Overview

Familiarize yourself with the device's buttons and indicators:

- **Power Button:** Press and hold to turn on/off. Double-click for self-test page.
- **Custom Button:** For one-touch offline printing modes.
- **Indicator Light:** Shows power status, charging status, and connection status.
- **Type-C Port:** For charging the device.

4.2 Charging the Device

Before first use, fully charge the label maker. Connect the provided Type-C cable to the device and a USB power adapter (not included). The indicator light will show charging status.

4.3 Loading Label Paper

1. Open the label compartment cover.
2. Insert the label roll with the printing surface facing upwards, ensuring it is aligned correctly within the guides.
3. Pull a small portion of the label paper out past the printer's exit slot.
4. Close the label compartment cover firmly.



Figure 4.1: The B2 Pro supports label printing widths from 0.79 to 1.97 inches (20-50mm), accommodating various label styles and sizes.

4.4 App Installation

The NIIMBOT B2 Pro requires the "NIIMBOT" app for full functionality.

- **For Mobile Devices (iOS/Android):** Download the "NIIMBOT" app from the Apple App Store or Google Play Store.
- **For PC (Windows):** Visit the official NIIMBOT website to download the PC software and drivers.



Figure 4.2: The NIIMBOT B2 Pro is compatible with both mobile phones (iOS and Android) and Windows PCs, allowing flexible label creation and printing.

5. Operating Instructions

5.1 Connecting to the Device

1. Ensure the B2 Pro label maker is turned on and fully charged.
2. **For Mobile:** Enable Bluetooth on your smartphone. Open the "NIIMBOT" app, search for your device (e.g., "B2 Pro-XXXX"), and connect.

3. **For PC:** Connect via Bluetooth or USB cable. Open the NIIMBOT PC software, and follow the on-screen instructions to connect.

5.2 Printing from Mobile

1. Open the "NIIMBOT" app and ensure your B2 Pro is connected.
2. Select a template or create a new label.
3. Edit text, add icons, images, barcodes, or QR codes.
4. Preview your label and tap the print icon. Adjust print settings (e.g., number of copies) if needed.
5. Confirm to print.

Your browser does not support the video tag.

Video 5.1: This video demonstrates the basic operation of the NIIMBOT B2 Pro label maker, including app usage and printing a label.

Your browser does not support the video tag.

Video 5.2: This video showcases the versatility of the B2 Pro label maker, demonstrating its ability to print various labels and photos for different applications.

5.3 Printing from PC

1. Ensure the B2 Pro is connected to your PC via Bluetooth or USB.
2. Launch the NIIMBOT PC software.
3. Design your label using the software's interface.
4. Click the print button, adjust settings, and confirm.

5.4 Offline Printing

The B2 Pro supports three configurable offline printing modes via the custom button:

- **Mode 1: Print Real Time:** Prints the current date and time.
- **Mode 2: Print the Last Record:** Prints the last label design sent from the app.
- **Mode 3: Design [My Template]:** Prints a pre-saved template configured in the app.

To use, ensure the device is on and press the custom button to cycle through or activate the desired mode.



Figure 5.1: The NIIMBOT B2 Pro offers three freely configurable offline printing modes: Print Real Time, Print the Last Record, and Design [My Template], ideal for quick labeling tasks.

5.5 Photo Printing

The B2 Pro can print photos in grayscale. Load compatible grayscale photo paper and use the NIIMBOT app to select and print your images.



Figure 5.2: The B2 Pro allows users to print cherished party moments and other photos directly onto compatible label paper, turning them into stickers.

5.6 Red & Black Dual-Color Printing

For labels with red and black elements, ensure you are using specific red-black dual-color label paper. The NIIMBOT app will allow you to design labels utilizing both colors.

6. Maintenance

6.1 Cleaning the Print Head

To maintain print quality, clean the print head regularly:

1. Turn off the label maker and open the label compartment.
2. Gently wipe the print head with a cotton swab lightly dampened with isopropyl alcohol.
3. Allow the print head to dry completely before closing the cover and using the device.

6.2 Battery Care

- Charge the device using the provided Type-C cable and a standard USB power adapter.
- Avoid exposing the device to extreme temperatures.
- If storing for an extended period, charge the battery to about 50% and recharge every few months to prevent deep discharge.

7. Troubleshooting

7.1 Common Issues

- **Device not connecting:** Ensure Bluetooth is on, the device is charged, and within range. Restart both the label maker and your mobile device/PC.
- **Poor print quality:** Check if the label paper is loaded correctly. Clean the print head. Ensure you are using genuine NIIMBOT labels.
- **Paper jam:** Turn off the device, open the compartment, and carefully remove any jammed paper.
- **App not detecting device:** Close and reopen the app. Ensure location services are enabled for the app (on some Android devices).

7.2 Firmware Upgrade

To continuously improve user experience and connection stability, NIIMBOT may release firmware updates. If you encounter connection issues, especially on Android, performing a firmware update may resolve them.

1. **Via iOS Device:** Connect the printer to your iOS device. Open the NIIMBOT app, navigate to device settings, and follow the on-screen prompts to update the firmware.
2. **Via PC:** Connect the printer to your PC using a data cable. Launch the PC version of the NIIMBOT app, go to device settings, and follow the instructions to complete the firmware update.



Figure 7.1: Detailed steps for updating the Bluetooth firmware of your NIIMBOT B2 Pro via an iOS device or a PC to enhance connection stability.

8. Specifications

Brand	NIIMBOT
Model Name	B2 Pro Label Maker
Connectivity Technology	Bluetooth
Printing Technology	Thermal
Resolution	300 x 300 DPI
Max Print Speed Monochrome	40 mm/s
Print Width	20-50 mm (0.79"-1.97")
Item Weight	352 g
Product Dimensions	4.96"D x 3.58"W x 2.64"H
Compatible Devices	Smartphones (iOS & Android), PC (Windows)
Ink Color	Black, Red (with special paper)
Battery Capacity	1500mAh
Charging Type	Type-C

9. Warranty and Support

The NIIMBOT B2 Pro Label Maker comes with a**2-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please visit the official NIIMBOT website or contact their customer service through the contact information provided in your product packaging or on their website.

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