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› NIIMBOT B2 Pro Label Maker Machine User Manual

NIIMBOT B2 Pro

NIIMBOT B2 Pro Label Maker Machine User Manual

Model: B2 Pro

1. INTRODUCTION

The NIIMBOT B2 Pro is a portable thermal label printer designed for various labeling needs, offering high-definition printing and versatile connectivity. This manual provides detailed instructions for setting up, operating, and maintaining your device.

Spice up Your Albums and Scrapbooks with B2 Pro Label Maker!



Image: The NIIMBOT B2 Pro Label Maker being used to print labels for a scrapbook, surrounded by stationery.

Key Features:

- **Ultra-portable Design:** Weighing approximately 348g, the B2 Pro is designed for easy portability and comfortable handling.
- **300 DPI High-Definition Printing:** Delivers crisp, clear labels. Supports NIIMBOT grayscale photo paper labels for detailed imaging and red-and-black dual-color printing for highlighting key information.
- **One-key Smart Operation:** Allows independent operation for real-time, history, and preset template printing after initial setup.
- **Multi-device Compatibility:** Supports Bluetooth connectivity with iOS and Android mobile devices, and Windows PCs.
- **Wide Label Support:** Accommodates label widths from 20mm to 50mm.

2. SETUP GUIDE

2.1 Package Contents

Verify that all items are present in the package:



Image: The NIIMBOT B2 Pro package contents, including the label maker, Type-C cable, label tape, and user manual.

1. NIIMBOT B2 Pro Label Maker x1
2. Type-C Cable x1
3. 50x30mm White Label Tape x1 (pre-installed)

2.2 Charging the Device

Before first use, fully charge the label maker using the provided Type-C cable.

1. Connect the Type-C cable to the charging port on the device.
2. Connect the other end of the cable to a USB power adapter (not included) or a computer's USB port.
3. The indicator light will show charging status (refer to device for specific light indications).

Portable and Lightweight



Image: The NIIMBOT B2 Pro highlighting its Type-C charging port and compact size.

2.3 Loading Label Paper

The B2 Pro features a shaftless design for easy label loading.

1. Open the label compartment cover.
2. Insert the label roll with the printing surface facing upwards.
3. Ensure the label roll is properly seated and the first label extends slightly out of the printing slot.
4. Close the cover. The printer will automatically detect the label size and rewind if necessary.

• *Multi-Point Bluetooth Connectivity*

Allows editing from up to 10 connected terminals simultaneously



• *300 DPI High-Definition Printing*



Print Quality of NIIMBOT
Grayscale Photo Label

VS



Print Quality of
Regular Label

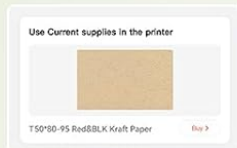
• *Automatic Label Rewinds*

Do not waste the first label, ensure that each print job starts from the first label



• *Automatic Label Detection*

Automatically recognizes the shape and size of the label paper



• *Shaftless Design*



Ensures easy loading and
minimal label jams

VS



• *Spindle-Based Design*

Label loading is
cumbersome and prone to jam

Image: Diagram illustrating the shaftless design for label loading and automatic label detection feature of the NIIMBOT B2 Pro.

2.4 App Installation and Initial Connection

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

1. **Download the App:** Search for "NIIMBOT" in your mobile device's app store (iOS or Android) and install

it.

2. **Power On:** Press and hold the power button on the B2 Pro until the indicator light turns on.

3. **Connect via Bluetooth:**

- Open the NIIMBOT app on your mobile device.
- Follow the in-app instructions to connect to your B2 Pro via Bluetooth. The device name will typically be "NIIMBOT B2 Pro" or similar.
- For PC connection (Windows only), download the NIIMBOT software from the official website and follow the connection instructions. (Note: Incompatible with iPad).

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

- **Power On:** Press and hold the power button for approximately 2-3 seconds until the indicator light illuminates.
- **Power Off:** Press and hold the power button for approximately 2-3 seconds until the indicator light turns off.

3.2 Using the NIIMBOT App

The NIIMBOT app provides extensive features for label creation and management.

- **Label Design:** Create custom labels using various fonts, icons, and borders available in the app's resource library.
- **Templates:** Utilize over 1,000 design inspiration templates for quick label creation across different scenarios (catering, office, retail, home).
- **Multi-user Editing:** Connect up to 10 smartphones simultaneously (3 iOS, 7 Android) for collaborative label editing and printing.

3.3 Printing Modes (One-key Smart Operation)

The B2 Pro supports three primary printing modes accessible via its dedicated function key system, allowing operation independent of a smartphone or PC after initial setup.



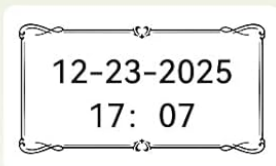
Pre-loaded Templates, Ready to Print On Startup

3 Fully Configurable Offline Printing Modes

Mode 1

01

Print real time



Mode 2

02

Print the previous one



Mode 3

03

Designate the "My Templates"



Image: Illustration of the three offline printing modes: Print real-time, Print the previous one, and Designate "My Templates".

1. **Real-time Label Printing:** For dynamic information such as expiration dates or material receiving times.
2. **History Label Printing:** Eliminates repetitive editing by reprinting previously used labels.
3. **Preset Templates Label Printing:** Accesses standardized templates for consistent labeling.

3.4 Dual-Color Printing

The B2 Pro supports red-and-black dual-color printing with compatible labels. This feature allows users to highlight critical data, such as expiration or production dates, making them stand out for improved management and retrieval efficiency.

3.5 Supported Label Types and Sizes

The NIIMBOT B2 Pro supports various label types and widths from 20mm to 50mm, with heights ranging from 8mm to 350mm.



Image: Examples of different label types and sizes supported by the NIIMBOT B2 Pro, including transparent, white, best day, impression garden, red&black kraft paper, red&blk dual-color, and colorful labels.

The Pro model exclusively supports NIIMBOT grayscale photo paper labels for capturing rich details and fine imaging.

4. MAINTENANCE

4.1 Cleaning the Print Head

Regular cleaning of the print head ensures optimal print quality.

1. Ensure the device is powered off.
2. Open the label compartment cover.
3. Gently wipe the print head with a cotton swab lightly dampened with isopropyl alcohol.
4. Allow the print head to dry completely before closing the cover and powering on the device.

4.2 Battery Care

- Avoid fully discharging the battery frequently.
- Charge the device regularly, even if not in frequent use, to maintain battery health.
- Store the device in a cool, dry place away from extreme temperatures.

4.3 Label Storage

Store label rolls in a cool, dry place away from direct sunlight and heat to prevent degradation of the thermal coating.

5. TROUBLESHOOTING

5.1 "Printer connection failed" (Android)

If you encounter this issue with an Android phone:

1. Update the printer's Bluetooth firmware via an iOS device or PC cloud printing.
2. After the update, double-press the printer's power button to print a self-test page.
3. Verify that the Bluetooth version on the self-test page has changed to 7470. If so, the update is successful.
4. If issues persist, contact customer support.

5.2 Blurry Printing

- Ensure the print head is clean (refer to Section 4.1).
- Check if the label roll is correctly installed and is a genuine NIIMBOT label.
- Adjust print density settings within the NIIMBOT app if available.

5.3 Label Jams

The B2 Pro's shaftless design minimizes label jams, but if one occurs:

- Power off the device immediately.
- Open the label compartment cover.
- Carefully remove any jammed label material. Avoid pulling forcefully to prevent damage to the print head or rollers.
- Re-insert the label roll correctly and close the cover.

6. SPECIFICATIONS

Feature	Detail
Brand	NIIMBOT

Model Name	B2 Pro-B
Connectivity Technology	Bluetooth
Printing Technology	Thermal
Special Features	Bluetooth, Inkless Printing, Portable
Color	Apple Green
Printer Output	Monochrome (supports red-and-black dual-color with specific labels)
Max Print Speed Monochrome	40 mm/s
Item Weight	0.7 Pounds (approx. 317g)
Product Dimensions	2.6"D x 3.6"W x 5"H (approx. 6.6cm D x 9.1cm W x 12.7cm H)
DPI	300 DPI
Supported Label Width	20mm to 50mm

7. WARRANTY AND SUPPORT

For any issues encountered during the use of your NIIMBOT B2 Pro Label Maker, please do not hesitate to contact NIIMBOT customer support.

- Refer to the contact information provided in the product packaging or on the official NIIMBOT website for support.
- Keep your purchase receipt as proof of purchase for warranty claims.

NIIMBOT is committed to resolving any problems you may experience with the product.

8. ADDITIONAL INFORMATION

The NIIMBOT B2 Pro is suitable for a wide range of applications, including:

- **Home Use:** Kitchen food and spice jars, memos, bottles, storage boxes, homemade food, return addresses.
- **Small Business:** Price tags, product information, QR codes, barcodes, brand logos, advertisements.
- **School:** Scrapbook labels, to-do lists, name tags, teacher feedback labels, cup labels.

Wide Range of Uses

Perfect for Home, Office, and School Use.



Image: Collage showing the NIIMBOT B2 Pro being used for organizing pills, labeling travel bottles, creating scrapbook entries, organizing files, and labeling gifts.