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> [NIIMBOT](#) /

> [NIIMBOT M2 Thermal Transfer Label Maker User Manual](#)

## NIIMBOT M2-2INCH

# NIIMBOT M2 Thermal Transfer Label Maker User Manual

Model: M2-2INCH | Brand: NIIMBOT

## 1. INTRODUCTION

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The NIIMBOT M2 is a 2-inch thermal transfer label maker designed for durable and long-lasting labels. Unlike traditional thermal printers, the M2 utilizes thermal transfer technology, ensuring labels remain clear and fade-resistant for 8-10 years. It offers 300 DPI high-resolution printing and versatile connectivity options, including Bluetooth for smartphones and USB for PCs, making it ideal for various labeling needs in office, garden, lab, and outdoor environments.

## 2. PACKAGE CONTENTS

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Please verify that all items listed below are included in your package:

- 1 x NIIMBOT M2 Label Maker Machine
- 1 x Ribbon
- 1 x Roll Label Tape
- 1 x Type-C Cable
- 1 x User Manual



## Package Included

1\*NIIMBOT M2 Label Maker Machine  
1\*Type -C Cable

1\*Ribbon

1\*Roll Label Tape

1\* Manuel

Image: Contents of the NIIMBOT M2 Label Maker package, including the label maker, ribbon, label roll, Type-C cable, and user manual.

## 3. SETUP

### 3.1. Installing Ribbon and Label Roll

1. Open the top cover of the label maker.
2. Insert the thermal transfer ribbon into its designated slot, ensuring it is properly aligned.
3. Place the label roll into the label compartment, making sure the labels feed smoothly through the printer's output slot.
4. Close the top cover securely.

Video: Demonstrates the quick and easy setup of the ribbon and label roll in the NIIMBOT M2 Thermal Transfer Label Maker.

### 3.2. Connecting to Smartphone (Bluetooth) & PC (USB)

The NIIMBOT M2 offers flexible connectivity for both mobile and desktop use.

- **For Smartphones (iOS & Android):**

1. Download the 'NIIMBOT' app from the App Store (iOS) or Google Play Store (Android).
2. Open the NIIMBOT app and enable Bluetooth on your smartphone. Search for the M2 device within the app (do not connect via phone's Bluetooth settings directly).
3. Select your M2 device from the list to establish a connection. The printer supports simultaneous connection with up to 10 mobile phones (3 iOS + 7 Android).

- **For PC:**

1. Connect the label maker to your PC using the provided Type-C USB cable.
2. Download the necessary driver from the official NIIMBOT website.
3. Follow the on-screen instructions to complete the driver installation.



Image: The NIIMBOT M2 label maker demonstrating its compatibility with both smartphones (via Bluetooth) and PCs (via USB cable).

## Support Multi-bluetooth Connection

3 iOS+7 Android=10 Smartphones



Image: The NIIMBOT M2 supports multi-Bluetooth connections, allowing up to 10 smartphones (3 iOS + 7 Android) to connect simultaneously.

## 4. OPERATING INSTRUCTIONS

### 4.1. Creating and Editing Labels

The NIIMBOT app provides a rich set of features for designing your labels:

- **Templates:** Utilize a wide variety of pre-designed templates for different applications.
- **Customization:** Add texts, icons, tables, logos, barcodes, QR codes, images, time stamps, and import data from Excel.
- **Advanced Features:** Includes scan and voice recognition capabilities for efficient data input.
- **Design Elements:** Access over 100 borders, 1500+ symbols, and support for 30+ languages.



Image: The NIIMBOT app offers extensive design options, including various borders, symbols, multi-language support, and features for barcodes, QR codes, images, time, and Excel data.

### 4.2. Printing Labels

Once your label design is complete, you can easily print it:

- **Automatic Recognition:** The M2 label maker supports auto-recognition for NIIMBOT labels using RFID technology, saving time by automatically detecting label size and pattern.

- **High Resolution:** Enjoy clear and crisp prints with 300 DPI resolution, offering a 47% improvement in clarity compared to standard printers.
- **Adaptive Density:** Printing density adapts automatically to different labels, eliminating the need for manual adjustments.

# 300dpi High-Resolution Printing

47% improvement in clarity



Image: The NIIMBOT M2 features 300 DPI high-resolution printing, ensuring clear and detailed labels.

Video: A demonstration of printing labels for essential oil bottles using the NIIMBOT M2 label maker and its app.

## 4.3. Benefits of Thermal Transfer Labels

The NIIMBOT M2 utilizes thermal transfer technology, providing significant advantages over traditional thermal printers:

- **Extended Durability:** Labels can be stored for 8-10 years without fading.
- **Resistant Properties:** Labels are waterproof, oil-proof, scratch-resistant, and chemical-resistant.
- **Temperature Resilience:** Withstands high and low temperatures (-4°F to 248°F), making them suitable for various environments.

# NIIMBOT M2 Thermal Transfer Label Maker



## Thermal transfer machine



Duration 8-10 Years



High/low temperature resistance



Anti-corrosion

VS

## Thermal printer

Duration 1-2 Years

Fade

No

Image: A comparison highlighting the superior durability of thermal transfer labels (8-10 years) over standard thermal labels (1-2 years).

## The label paper can be kept for 8-10 years without fading



High Temperature for Outdoor Environment



Low Temperature Environment



Strong light Resistance

Image: Thermal transfer labels demonstrate resilience in various conditions, including high temperatures, low temperatures, and strong light, ensuring long-term legibility.

## 4.4. Wide Application

The M2 label maker is versatile and suitable for a broad range of applications:

- **Office Management:** Ideal for fixed asset management, organizing documents, and labeling office supplies.
- **Retail & Small Business:** Perfect for pricing, product identification, and inventory management.
- **Laboratory & Medical:** Suitable for identifying samples, specimens, and equipment in demanding environments.
- **Outdoor & Gardening:** Create durable labels for plants, tools, and outdoor equipment that withstand weather conditions.
- **Cable & Jewelry:** Specialized labels for cable sorting and clear, non-fading tags for jewelry.

# Suitable for Various Scenarios

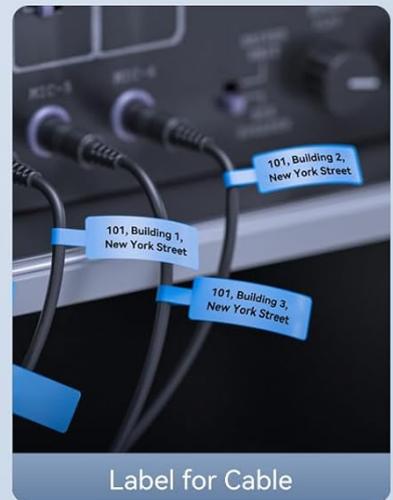


Image: The NIIMBOT M2 label maker is suitable for diverse applications, from labeling items in freezers and outdoor equipment to laboratory glassware, jewelry, office assets, and cables.

## For Office Management



Image: Examples of labels used for office management, such as identifying network cables and tracking fixed assets with detailed information.

## For Lab/Hospital



Image: Labels applied to various items in laboratory and hospital environments, including beakers, test tubes, and sample containers, for clear identification.

## For High-end Jewelry and Watch



Image: Small, clear labels attached to high-end jewelry and watches, displaying essential information like price and product details.

## 5. MAINTENANCE

To ensure optimal performance and longevity of your NIIMBOT M2 Label Maker, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the print head and rollers with a soft, lint-free cloth. If necessary, use a small amount of isopropyl alcohol on the cloth for stubborn residue. Ensure the device is powered off before cleaning.
- **Storage:** Store the label maker in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For models with rechargeable batteries, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use, to maintain battery health.
- **Ribbon and Label Storage:** Store unused ribbons and label rolls in their original packaging in a cool, dark place to prevent damage or degradation.

## 6. TROUBLESHOOTING

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If you encounter issues with your NIIMBOT M2 Label Maker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Printer not connecting via Bluetooth	Bluetooth not enabled; App not recognizing device; Device too far.	Ensure Bluetooth is on. Connect via the NIIMBOT app, not phone settings. Move closer to the printer. Restart both devices.
Poor print quality (faint, blurry)	Low ribbon/label supply; Dirty print head; Incorrect print density setting.	Replace ribbon/label roll. Clean the print head. Adjust print density in the app if available (though usually automatic).
Labels not feeding correctly	Label roll improperly installed; Paper jam.	Re-install the label roll, ensuring it's straight. Clear any jammed paper or debris.
Printer not turning on	Low battery; Power button not pressed correctly.	Charge the device using the Type-C cable. Press and hold the power button for a few seconds.

If the issue persists after trying these solutions, please refer to the official NIIMBOT support resources or contact customer service.

## 7. SPECIFICATIONS

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Key technical specifications for the NIIMBOT M2 Thermal Transfer Label Maker:

- **Model:** M2-2INCH
- **Printing Technology:** Thermal Transfer Tech
- **Print Resolution:** 300 dpi
- **Max Print Speed (Monochrome):** 40 mm/s
- **Print Width Range:** 20mm-50mm (0.8-2 inches)
- **Effective Printable Width:** 48mm
- **Connectivity:** Bluetooth, USB
- **Compatible Devices:** Smartphones (iOS, Android), PC
- **Battery:** 1 A battery required (included)
- **Product Dimensions:** 4.2 x 7 x 3 inches

- **Item Weight:** 1.67 pounds
- **Included Components:** Label Maker, Ribbon, Roll Label Tape, Type-C Cable, Manual



Image: The NIIMBOT M2 Label Maker showcasing its compact design and the variety of labels it can produce, including asset tags and product labels.

## 8. WARRANTY & SUPPORT

For detailed warranty information, product registration, and technical support, please refer to the warranty card included in your package or visit the official NIIMBOT website. You can also find the official user manual in PDF format [here](#).