NIIMBOT

D101
Operation Manual

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01

## Basic Parameters

Model	D101
Color	White
Material	ABS
Printing method	Thermal printing
Printing resolution	203dpi
Printing speed	30mm/s~60mm/s
Label width	10~25mm
Effective printing width	24mm
Applicable paper types	Adding machine paper and transparent paper

|	
Accompanying supplies	One warranty card, one type-C data cable
Connection mode	Bluetooth
Barcode printing	Supports barcodes and QR codes
Printing content	Text/patterns/designs
Battery type and capacity	1200mAh lithium battery
Charging duration	3~4 hours
Charging interface	Type-c
Voltage of incoming current	5V-1A
Battery life	4 hours of continuous printing

02

Basic Usage
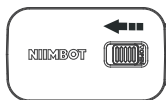
Slide to the left to open the lid

1. Slide to the left to open the lid

90°
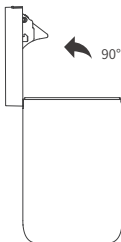
2.Opening angle
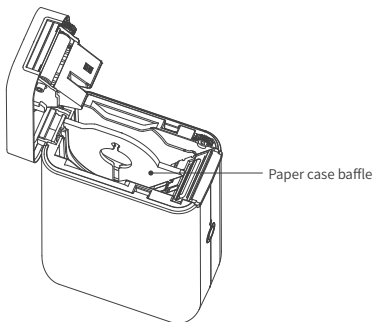
Paper case baffle

3. Requirements for installation of paper case baffle (the baffle has been installed before delivery, and can be used directly for 15mm backing paper labels, but should be removed for 27mm backing paper labels).

Right

Left
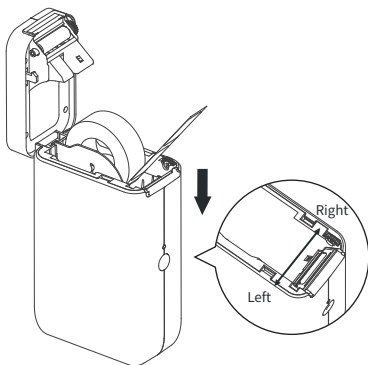
4. Installation of consumables: Insert the roll of paper on the right, with the printing surface facing the switch.

Slide to the right end
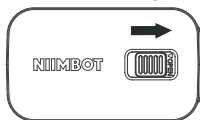
NIIMBOT

5.Close the lid, and slide to the right end

About the new machine:

NIIMBOT label printer is generally charged before the delivery for the startup. If you cannot start up your new printer, one possible reason is low battery level. The printer can be started up after being charged for 20 minutes.

03

Indicator Light Descriptions

Indicator light color	Light status	Description
Blue	Slow flash	Bluetooth not connected
Blue	Quick flash	Printing or charging
Blue	Not flashing	Bluetooth connected, battery fully charged
Red	Slow flash	Bluetooth not connected and low battery level
Red	Quick flash	Printing, or charging and low battery level
Red	Not flashing	Bluetooth connected, low battery level

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Guide to App Usage

It only takes two steps to start a new marking experience

❶ Download the "NiiMbot" application from the App Store or Google Play.

❷ APP Open the lid and place the consumables

Bluetooth connection mode

❶ On your phone or device, turn Bluetooth on. Then start up the printer, and open the app.
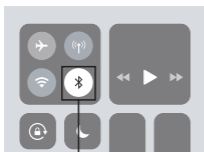
Switch on the Bluetooth
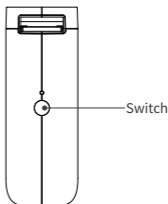
Switch

Long press the switch button to activate the label printer

❷ Press the [Not Connected] button on the right corner of the app, and then click [Search Device].

NIIMBOT
❓ Help

Template

Scan to create

My tag
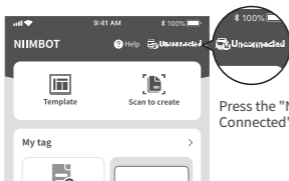
Press the "Not Connected" button
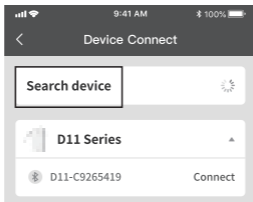
❸ Press the blue [Match] button to the right of the correct printer model, and Bluetooth will connect.
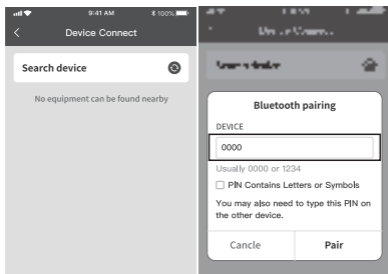
Uagse & Operation

Press the [Usage Demo] button on the right corner of the app to choose from the demo videos that can be played in the list of [Software Instructions].

05
FAQ

Q: Why can't the label printer be fully charged when it is connected to a laptop for charging, and why does it switch off automatically after being disconnected?
A: The laptop's USB port does not have a sufficient and stable enough voltage to ensure stable charging conditions. Please charge the label printer using a normal power socket.

Q: Is the registration of an account necessary in order to use the label printer?
A: The label printer can be used even if you do not register an account. But registering an account will enable you to save label templates and retrieve any lost labels.

Q: Why does the app not let me proceed even after entering 0000 or 1234 as the PIN code?
A: This may be because the device has not yet been recognized by app. You can enter 16 zeros continuously, and press OK to refresh. After refreshing, enter 0000 or 1234 again to enter the app.

Q: Does the label printer support auto-shutdown?

A: The label printer will shut down automatically after Bluetooth has been disconnected or the app logged out for 15 minutes, to save power and protect battery life.

Q: Why does the label printer keep printing blank labels when working normally?

A: It is possible that the label paper has been placed in the wrong direction. Please keep the label's sticker face down (facing the power button).
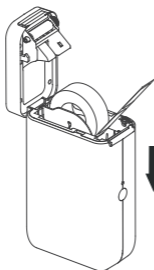
Make sure that the label paper is placed face-down (Facing the switch)

Q: Why is my label printer just continuously delivering large amounts of label paper?

A:　1、There may be label paper on the upper cover detector, leading to a failure to detect the paper.
　　2、There may be label paper on the print head, leading to a failure to detect the paper.
　　3、The size set by the template may not be consistent with the actual size of the label paper.
　　4、The set paper type of the template may be wrong.
　　5、The paper case baffle may not be installed or the paper case baffle may not be installed in the correct place.
　　6、Detector failure may be leading to continuous paper delivery.

Q: Why is the color printed on the label paper very light?

A:　1、The label paper is not NIIMBOT paper and may be chipless.
　　2、The actual printed quantity exceeds the quantity required by the chip, and the self-check page can be viewed.
　　3、Chip fault.
　　4、Machine fault.

Q: What should I do if the app prompts me to use non-universal labels after the label paper is placed in the machine?

A：　1、The D101 label printer currently is only applicable to the special label papers in the D101 series. Using the label papers of other brands will lead to failure.
2、There may be a foreign object in the paper case covering the sensing port, leading to failure to identify the paper, so you may only need to remove the foreign object from the paper case.
3、It is possible that the label chip has not been identified temporarily, you can contact customer service and send the corresponding label number, and the technical department will fix the problem for you within 10 minutes.

Q: The Bluetooth connection is suddenly disconnected, and the connection still fails even after several tries.

A：This suggests a clash of the mobile phone's Bluetooth system, which can simply be restored by restarting the mobile phone and Bluetooth in the phone settings.

Q: How to solve it when My mobile phone fails to find the label printer using Bluetooth, how can I resolve this?

A： 1、If the machine is charging, and the mobile phone fails to find the label printer using Bluetooth, simply unplug the power cord.

2、If Bluetooth response is slow, restart the software or restart the printer and try to connect again.

3、If it is caused by a software version issue, uninstall and reinstall or contact technical personnel.

Q: Does the label printer support batch printing, and how many paper sheets can be printed at a time?

A: D101 supports continuous printing and batch printing. The app can currently print up to 999 labels at a time, but the actual number of label paper sheets per roll should be taken into account, with a maximum of 300 sheets of label papers per roll.

Q: App error, the prompt says "uncovering".

A: It is most likely one of the following possibilities:

1.The cover of the label printer has not been closed properly, and so needs to be opened and closed several times.

2.The printer has suffered lumps during transportation or loosening of cables inside the machine, which are considered machine damage. You can contact the seller for replacement.

Q: App error, the prompt says "lack of paper"

A: It is most likely one of the following possibilities:

1. No paper is placed in the machine

2. The paper case baffle is not installed or the paper case baffle is not installed in its proper place for 15mm backing paper labels.

3.Machine fault.

Q: After pressing "Print", no content appears, and the machine keeps sending out "clack" sounds.

A：　1、The paper head may not be exposed during the process of placing label papers, leading to failure of paper delivery. It can be solved by simply exposing the label paper head by 0.5cm.

2、The paper may have run out, in which case please replace it with new printing paper.

Q: A sudden stop occurs during the printing process.

A: To ensure the safety of the label printer, we have set up multiple protections. If problems such as "shortage of paper", "opening of the paper case", "data error", "too high ambient temperature", or "low battery" occur, the equipment shall terminate printing. Please determine for yourself which of these case may be the cause.

Q: How can I make it so that the content is placed in the middle when editing the label?

A: On the right side of the edit page's [Style] section, where there is a button to the left or the right with the content in the middle, press this button to adjust the position of the label content in the edit box. You can adjust the position of the text box on the label paper through the [Alignment].section. In addition, you can move the position of the edit box on the label paper by touching the screen with your fingers, thus enabling you to quickly adjust the label position.

Q: How can I solve print offset problems?

A: 1、The size or template set through the software may be inconsistent with the size of actual label paper.
2、 The printer may not detect the label paper due to detector failure.
3. The paper may have gotten stuck. Please check whether there is any foreign matter or glue at the outlet and whether the label paper has curled.

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Cleaning Steps

In order to clean the platen, follow these steps:

1.Shut down the printer;
2.Open the paper case cover and find the print head (as shown in the figure). In case of printing having just finished, wait for the print head to cool completely;
3. While rotating the roller, wipe off the dust and stains on the surface of the roller with an alcohol cotton ball (which should be wrung out);
4.Wipe off the dust and stains on the surface of the roller with an alcohol cotton ball (which should be wrung out) or cleaning pen of the print head;
5.Wait for 5 - 10 minutes and close the paper case cover until the alcohol has completely volatilized.
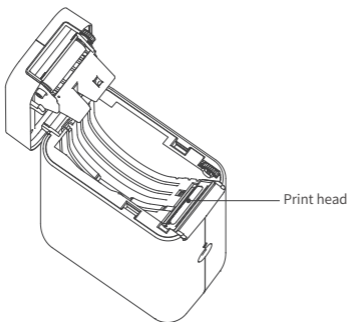
Print head

Notes:

(1) Ensure the printer is powered off during daily maintenance;

(2) Do not touch the surface of the print head with your hands or with metal objects, and do not scratch the surface of the print head, roller or sensor with tweezers;

(3) Do not wipe the print head and roller with gasoline, propanol or other organic solvents;

(4) After the alcohol has evaporated completely, turn on the power and continue printing.

07

Precautions

1.Please keep the product and its accessories in a safe place that is out of the reach of children to keep them out of harm's way.

2.Please do not open the paper case cover when the printer is printing.

3.Please ensure that the paper case is clean before using the printer. Any foreign matter in the paper case may damage the print head during printing.

4.In case of any foreign matter being present, please use a special cleaning device or alcohol to clean the paper case and print head. Do not use solvents, corrosive chemicals and cleaners, such as benzene and diluents.

5.In case of printer failure, please turn off the power immediately.

6.Please do not disassemble the printer without authorization. When the printer is disassembled, return and exchange will not be accepted.

7.Do not use the power adapter when the power cord is damaged, otherwise, it may result in electric shocks, fire and power adapter damage.

8. After continuous printing for a long time, the print head may be still hot. Do not touch the print head to avoid being burned.

9. Please use our original printing paper. Failure to do so may result in poor print quality or even damage to the print head.

10. For printing documents that need to be kept for a long time, please use long-acting thermo-sensitive printing paper.

11. Please charge the battery in a cool and ventilated room. Do not expose the printer and power adapter to high temperature or high humidity, or put them in water, so as to avoid short circuiting, which may cause heat, smoke, or deformation damage, or even the explosion of the battery. If the power adapter comes into contact with water or other liquids, disconnect the power immediately. If you discover smoke or an unpleasant odor coming from the printer or power adapter, please immediately unplug the power adapter and pay attention to avoid burns.

12. While unplugging the printer, please grab onto the power adapter. Do not pull the power cord, which may damage it.

13. Do not use the printer near places with flammable goods such as gas stations and fuel warehouses.

14. If you encounter any problem with your use of the machine, please contact the dealer or our customer service staff. NIIMBOT provides the very highest level of after-sales service for customers all over the world!

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Warranties

1.From the date of purchase, the warranty period of the print head of the product is 3 months or the time when the printing distance reaches 30km (whichever comes first), and that of other parts is 12 months.

2.Carry-in service is adopted as the warranty method and users need to bring the product to the sales service center.

3. If a product beyond its warranty period needs to be repaired, please contact the after-sales service center and ask for paid parts for repair.

4.During the warranty period, in case of the following conditions, you may not enjoy the warranty service:

- Any damage caused by unauthorized disassembly and repair or modification.
- Print omissions caused by scratches on print head.
- Inconsistency of purchase record with the serial number of the machine under warranty.
- Any damage due to human factors or other force majeure.

Wuhan NIIMBOT Intelligent Identification Technology Co., Ltd.

Address: Creative Workshop No. 5, Creative World, Yezhihu West Road, Hongshan District, Wuhan

Technical support hotline: 400-860-8800

Website: www.niimbot.net

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different
   from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction