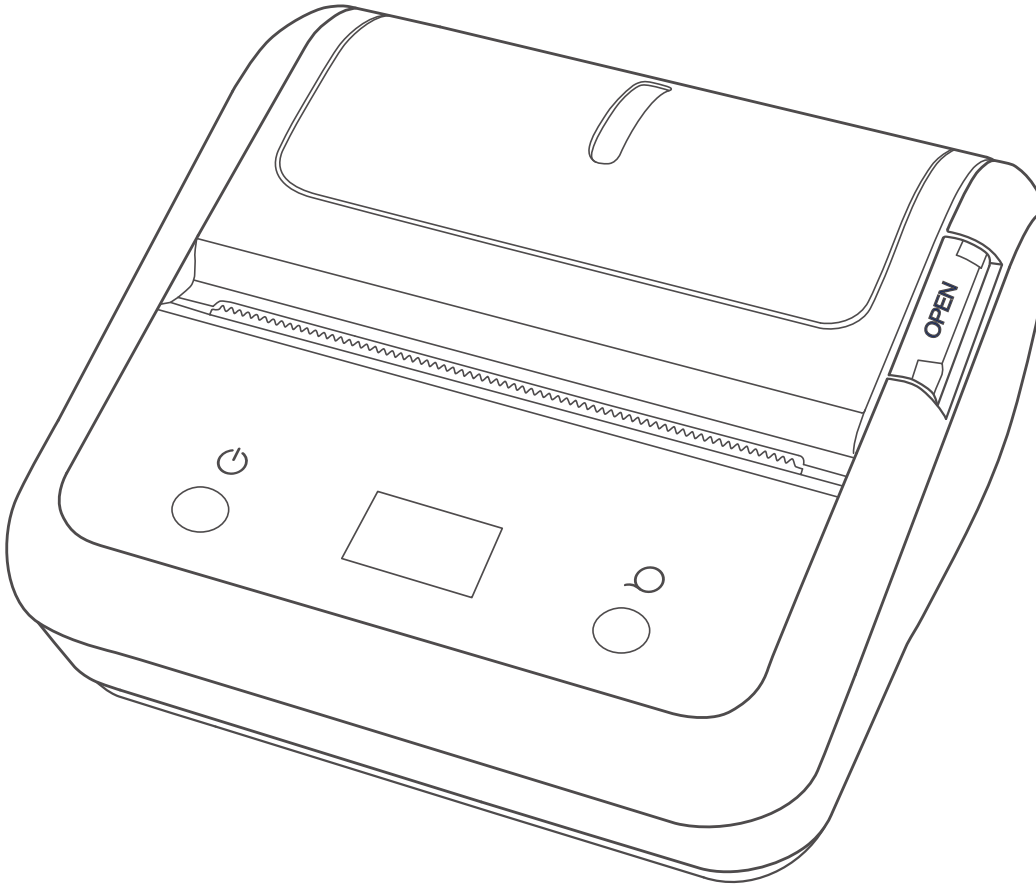
NIIMBOT



B3S

Label Printer

Operation and Maintenance Manual

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01

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.

NIIMBOT
APP搜尋"精臣雲打印"

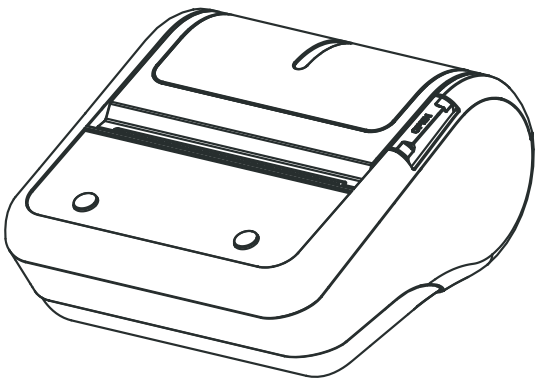
Available on the App Store

GET IT ON Google Play

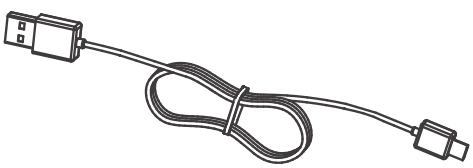
❷ APP Open the lid and place the consumables.

02

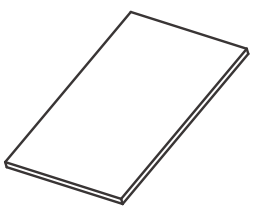
Package Contents



Printer (1, including battery)



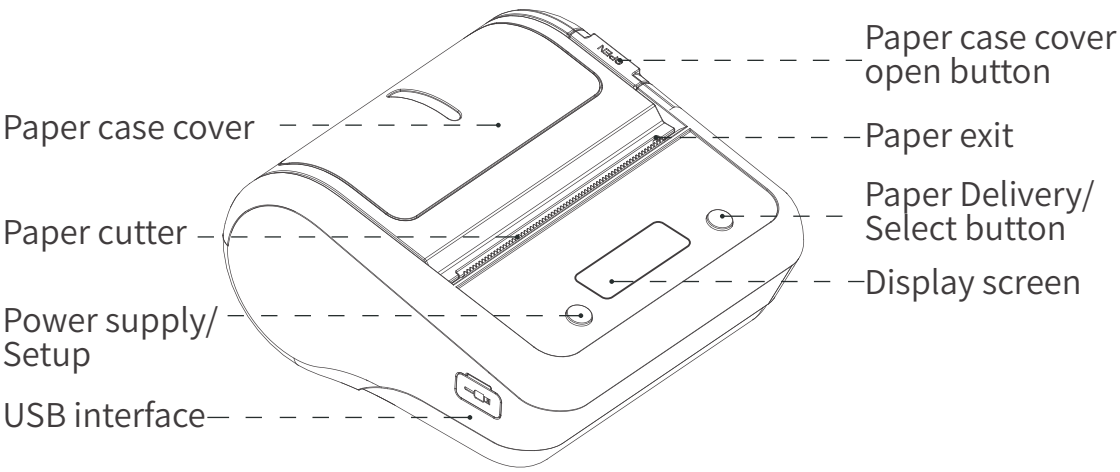
USB cable (1)

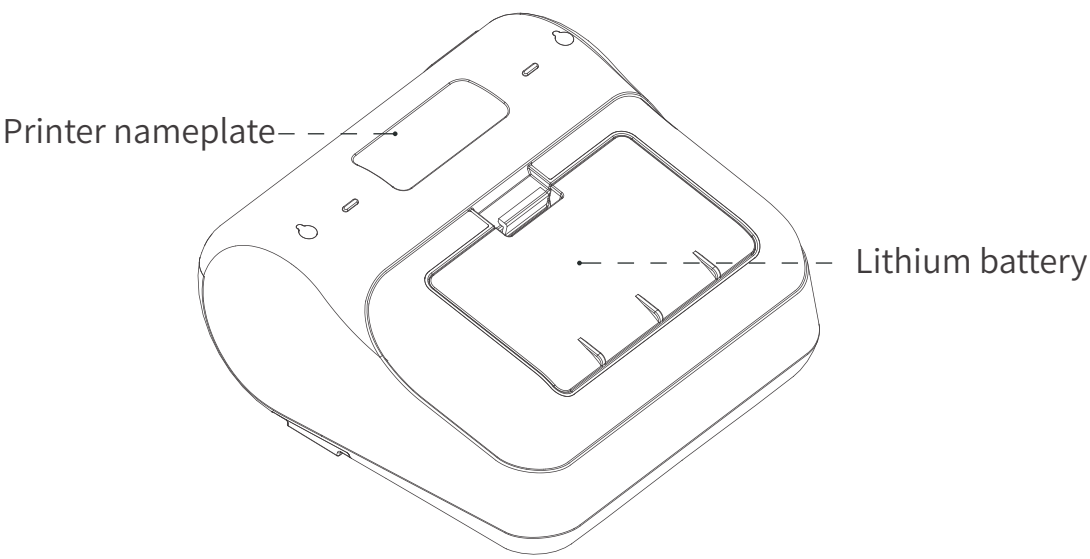


Manual (1)

03

Component Description





04

Charging

Insert the power adapter plug into the electrical outlet, and insert the USB plug into the printer's USB slot.

The power adapter is required to be 5V/1A or 1A above. Please don't remove the battery during the charging process.

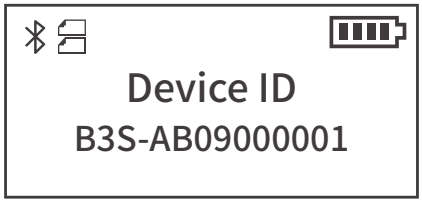
During the charging process: The electricity quantity indicator icon flashes.
Fully charged: The electricity quantity indicator icon shows fully charged and stops flashing.

05

Basic Usage And Settings

1. Start-up

Long press the "Power/Menu" button for two seconds while the machine is in the OFF state (the screen is not on). The printer will then start up and the screen will display the main interface.



2. Paper skip

Press the "Paper Skip/Select" button on the main interface, and the printer will deliver a piece of paper.

3. Paper type display: When you select different paper types, corresponding icons will be displayed at the same time.

Adding machine paper: The paper is cut in alignment with the gaps on the paper, via the cutter.

Black label paper: The paper is directly torn via the K line, rather than using the cutter.

Continuous paper: A complete piece of printing paper whose cutting point is customizable, cuts are made by the cutter.

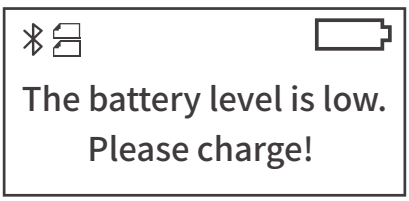
Continuous paper: A complete piece of printing paper whose cutting point is customizable, cuts are made by the cutter.

4. Paper Out Detection and Paper Case Opening Inspection

The screen displays relevant information when it is out of paper/ the paper case is opened, and the printer will not respond to the printing command when in this state.

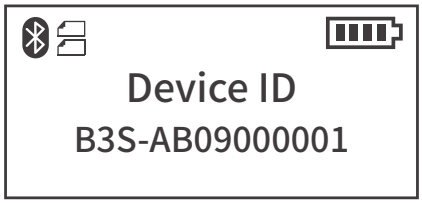
5. Low Electricity Quantity Inspection

When the battery level is 0, the printer prompts " The battery level is low. Please charge!" and will shut down 10 seconds later.



6. Bluetooth Connection

After Bluetooth pairing and connection, the Bluetooth icon displays in reversed color.



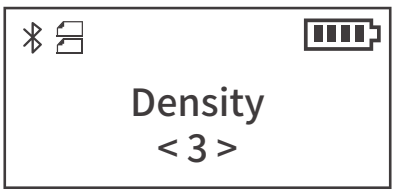
7. Power Supply Indicator

When the power adapter is inserted, it will display the power supply indicator icon.

8. Settings

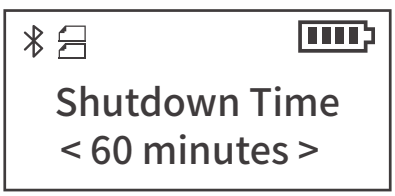
Press the "Power/Menu" button on the main interface to enter the settings interface, and press the "Power/Menu" button again to switch between the five different settings interfaces of "Print Concentration", "Paper Type", "Off Time", "Language" and "Print Self-check Page". Press the "Paper Skip/Select" button in the settings interface to change the option content.

1)Print concentration: Five levels (levels 1, 2, 3, 4 and 5).

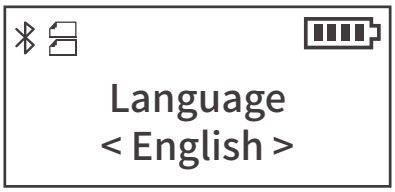


2)**Type Of Paper**: 4 types (crack label, black label , CONT label, TNSPRT label).

3)Off Time: 4 types (15 min, 30 min, 60 min and never off). Program the amount of time the printer will wait while inactive before automatically turning off.



4)Language: Two options (Chinese and English)



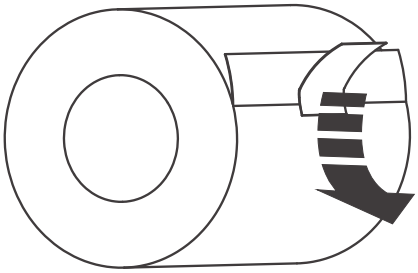
5) Print Self-check Page: Press the "Paper Delivery/Select" button to execute Print Self-check Page. Self-check Page includes: Printer type, firmware version, hardware version, machine serial number, etc.

9. Print

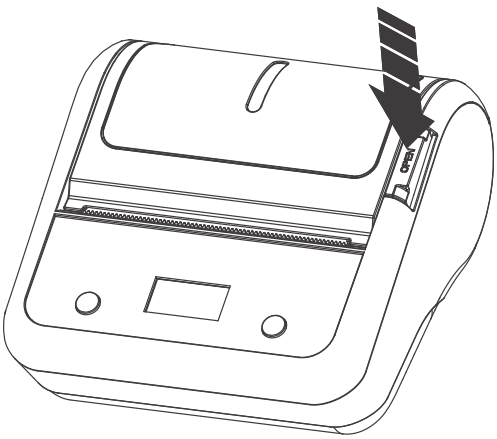
In the process of printing, the interface displays "Printing in progress", and automatically exits to the main interface after the printing operation has been completed. If you want to stop the operation in the process of printing, you can stop printing by using the mobile app or by pressing the "Paper Delivery/Select" button for an emergency stop.

06

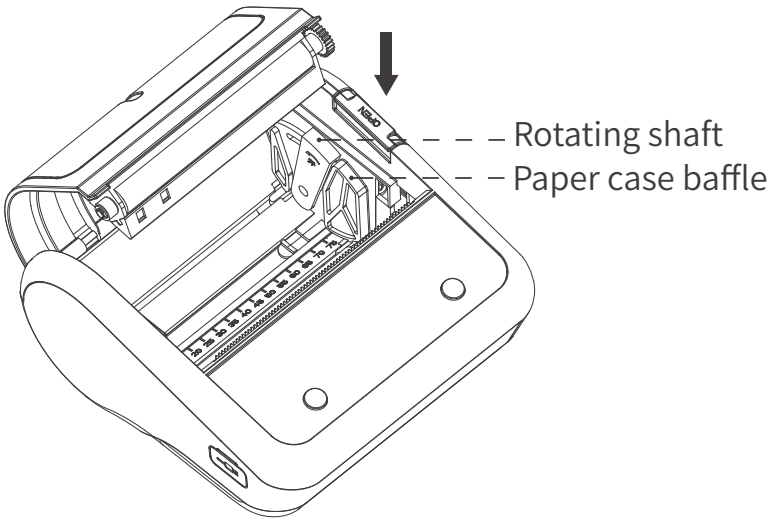
Installation Of Paper Label Roll



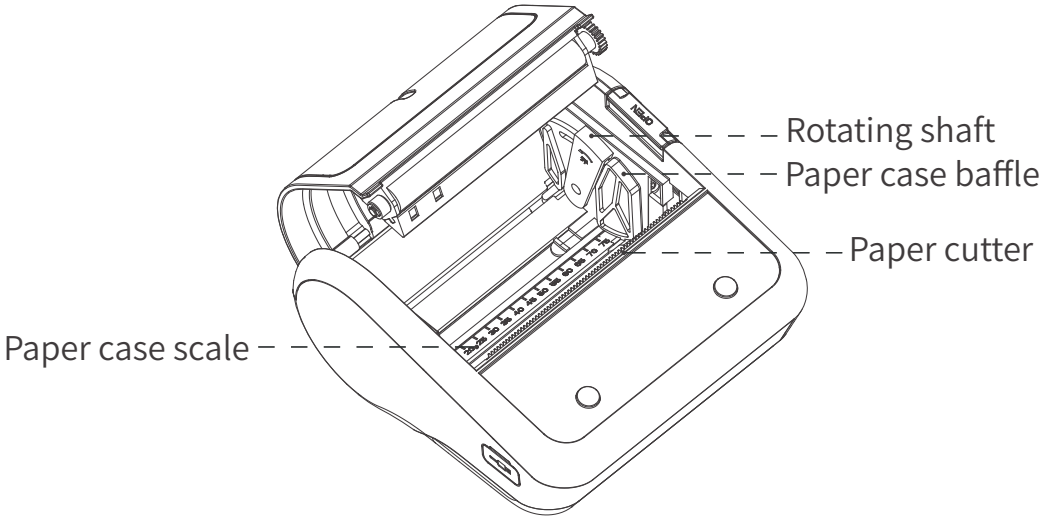
Step 1: Remove the seal from the printing papers.



Step 2: Press the paper case cover opening button to open the paper case cover.

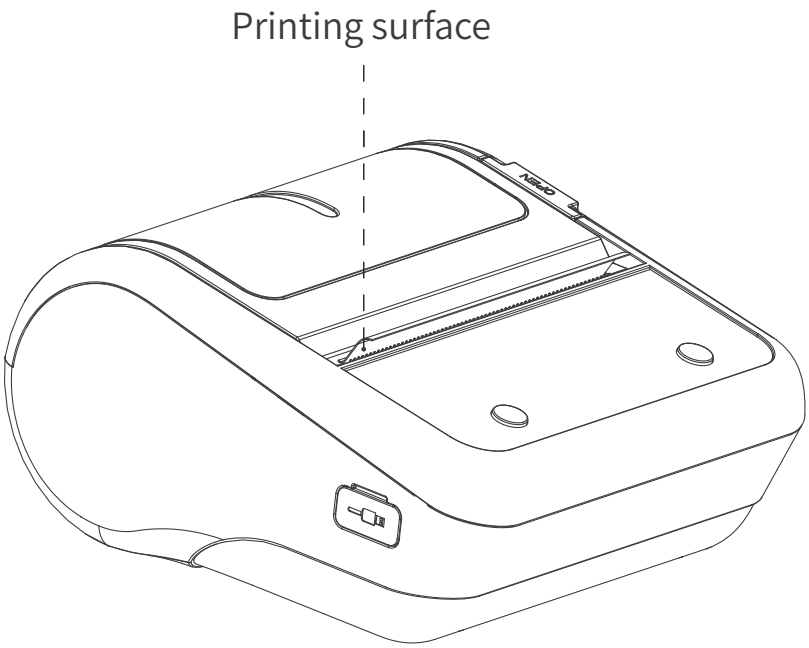


Step 3: Pull the rotating shaft to the "open" position as indicated by the arrow.



Step 4: According to the width of the paper roll, slide the paper case baffle to the corresponding paper case scale of the paper roll, and pull the rotating shaft back towards the direction of the paper cutter and lock it tightly.

Remarks: After the paper case scale has been adjusted, the rotating shaft must be locked tightly to prevent printing going out of alignment.



Step 5: Put the roll of paper into the paper case, and position the printing surface so it faces towards the print head. Pull out a section of paper along the paper exit and close the paper case cover.

Remarks: Pay attention to the direction of the paper roll. The machine will be unable to print if it is reversed.

07
Platen Cleaning

The print head and rubber roller should be cleaned if any of the following are true:

- Printing is not clear;
- Paper feeding and unreeling make loud or unusual noises;
- Foreign matter has stuck to the inside of the machine.

In order to clean the platen, follow these steps:

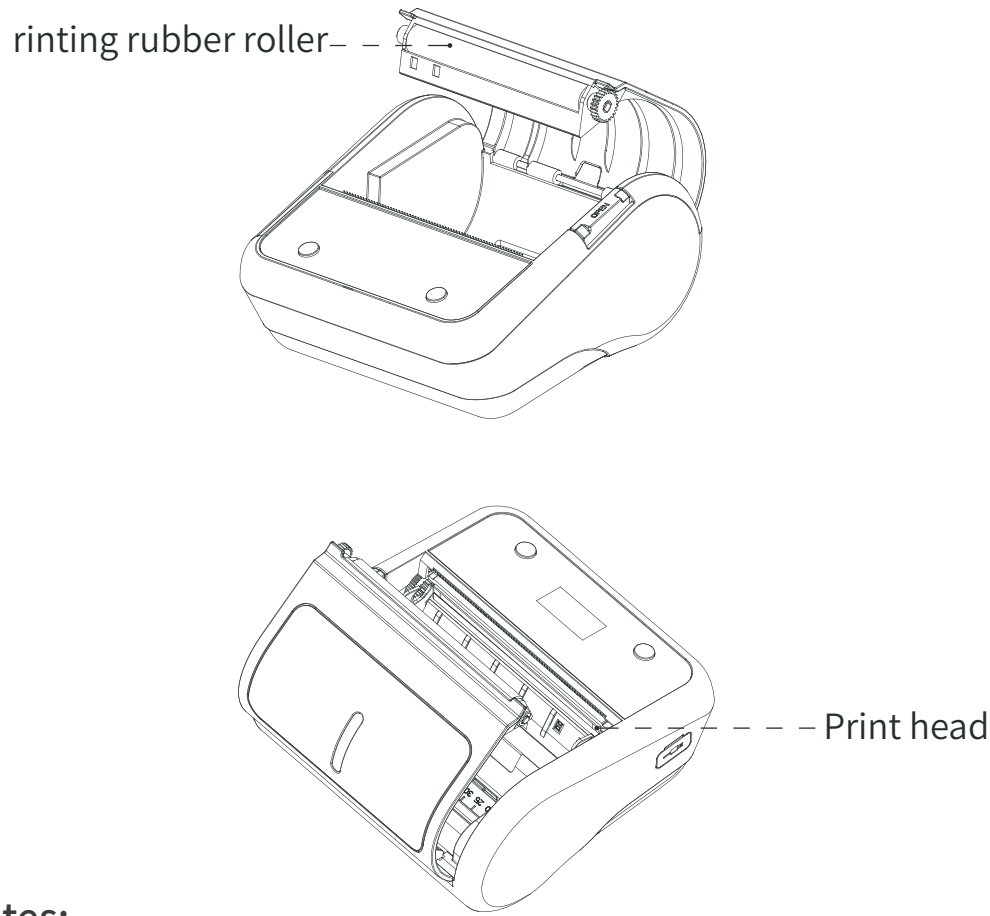
(1) Turn off the printer;

(2) Open the paper case cover and find the platen (as shown in the figure). In case of printing having just finished, wait for the printing rubber roller 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 print head with an alcohol cotton ball (which should be wrung out) or professional cleaning pen (to be purchased separately) for print head;

(5) Wait for 5 - 10 minutes and close the paper case cover until the alcohol has completely volatilized.



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 print head, roller and sensor with tweezers or other tools;

(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.

08

Troubleshooting Guide

1. The printer only prints blank paper, it does not print anything onto the paper

(1) Please confirm whether the printing paper has been inserted backward. If not, print the self-check page according to the instructions to confirm whether the self-check page is able to be printed properly.

(2) If the self-check page does not print properly, there is something wrong with the printer. If the self-check page is normal, check the paper or the app.

2. Unclear or faded printing by the printer

(1) Please confirm the printing concentration set by the printer. Generally, 3 is the default for the best results.

(2) If one line or one piece does not get printed, please confirm whether there is dirt or some other foreign matter on the print head and clean the print head with alcohol.

(3) If the printing paper quality is poor, please choose NIIMBOT series printing paper.

3. Paper delivery can’ t be stopped during the process of form feeding or printing, and finally a prompt of "abnormality in paper skip, please open the paper case for inspection" is displayed.

If failing to detect the seam label even after form feeding 200mm paper, the prompt of "abnormality in paper skip" will be displayed, and there are 3 possible solutions, as detailed below.

(1) Please confirm the paper type set by the printer. The paper type supports "adding machine paper", "black label paper", "continuous paper" and "transparent paper". You can manually change it to the type of paper you want, or use the app’ s "Scan Modeling" and print a sheet to automatically modify it to the correct paper type.

(2) If the printer makes a "click" sound during printing, it is because this roll of printing paper has been used up. Please add new printing paper.

(3) If it is not either problem described in (1) and (2), please open the paper case cover and then close it, and then print again. If this problem still persists, there may be a hardware fault with the printer.

4. A sudden prompt of "lack of paper" is displayed during the printing process

(1) Please confirm whether this roll of printing paper has been used up.

(2) If the printing paper has not been used up, make sure that the paper case baffle is locked as required (failure to lock the paper case baffle will cause paper deviation during printing, and the sensor may not be able to detect the paper).

5. A sudden stop occurs during the printing process.

To ensure the reliability of the printer, a variety of protections have been designed, including "lack of paper", "paper case opening", "data error", "high temperature", "low power" and other protections; please analyze the specific reasons according to the different tips on the app.

09

Warnings

1. In case of printer failure, please follow the prompt for the corresponding operation.

2. If water enters into the printer, please turn off the power immediately.

3. There are special protection circuits and devices inside the battery. Please do not disassemble the battery without authorization, otherwise, it may cause a short circuit or electrolyte leakage. If the electrolyte gets into your eyes, please rinse immediately with water and seek medical attention.

4. Please use an original power adapter to charge the battery in a cool and ventilated room. Do not expose the battery or the power adapter to high temperatures or high humidity, or put them in water, so as to avoid short circuits, which may cause the battery to heat, smoke, deform, damage or even explode. 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.

6. Do not use the printer near flammable objects such as in gas stations and fuel warehouses.

10

Notes

(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 danger.

(2) Please do not disassemble the printer without authorization; Please do not open the paper case cover when the printer is printing; After printing, the printing head can still be at a high temperature so do not touch it, to avoid being burned.

(3) Be sure to put the printer and power adapter in a ventilated place at room temperature when charging.

(4) Please use a clean soft cloth to wipe the printer gently. Do not use solvents, corrosive chemicals and cleaners, such as benzene and diluents.

(5) Too high or too low ambient temperature may result in a decrease in printing quality.

(6) If the printer is stored for a long time, please recharge it every 3 months. Otherwise, it may lead to battery failure, or even liquid leakage, and thus damage the printer.

(7) If the battery fails to meet the performance requirements, please stop using it immediately and contact the after-sales service center for handling.

(8) Please use our original label paper, failing to do so may result in poor print quality or even damage to the print head.

(9) After printing using thermal printing paper, the preservation time of handwriting is related to the quality of thermal printing paper. If you want to print documents that need to be kept for a long time, please choose long-acting thermal printing paper.

11

Warranty

From the date of purchase, the printing head of this product is guaranteed for 3 months or the time when the printing distance reaches 30KM (whichever occurs first), and the remaining parts are guaranteed for 12 months.

Carry-in service is adopted as the warranty method, users need to bring the product to the customer service center.

If products beyond the warranty period need to be repaired, please contact the after-sales service center and ask for paid parts for repair.

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

- ✓ Any damage caused by accidents, abuse, misuse, or use of consumables not provided by the Company.
- ✓ Any damage that occurs outside of the warranty period.
- ✓ Any damage caused by unauthorized disassembly and repair or modification.
- ✓ Print omissions caused by scratches on the print head.
- ✓ Inconsistency of purchase record with the series number of a machine under warranty.
- ✓ Any damage due to human causes or other force majeure.

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.

(2)This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user?ÿs 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 frequence 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 equipmemt 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 autlet 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 devicecan be used in portable exposure condition without restriction.

Declaration of conformity

Hereby, Wuhan Jingchen Intelligent Identification Technology Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive (RED) 2014/53/EU. This product can be used across EU member states. This device can be used in European Union.

Hereby, [Wuhan Jingchen Intelligent Identification Technology Co., Ltd.] declares that the radio equipment type [B3S] is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:http://www.niimbot.com.

Wuhan NIIMBOT Intelligent Identification Technology Co., Ltd.

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