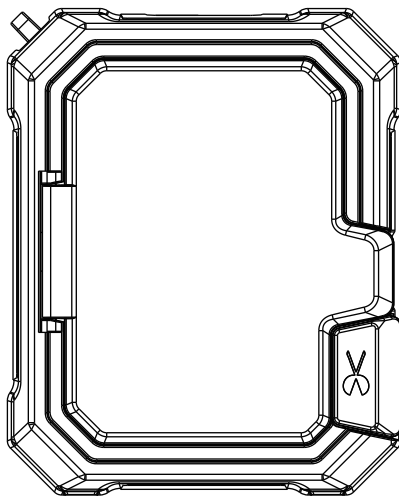
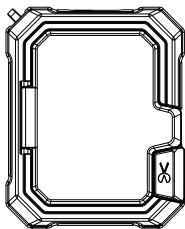


MakeID

Portable Label Printer User Manual



Packaging List



1* Printer



1* Charging Cable



1* User Manual

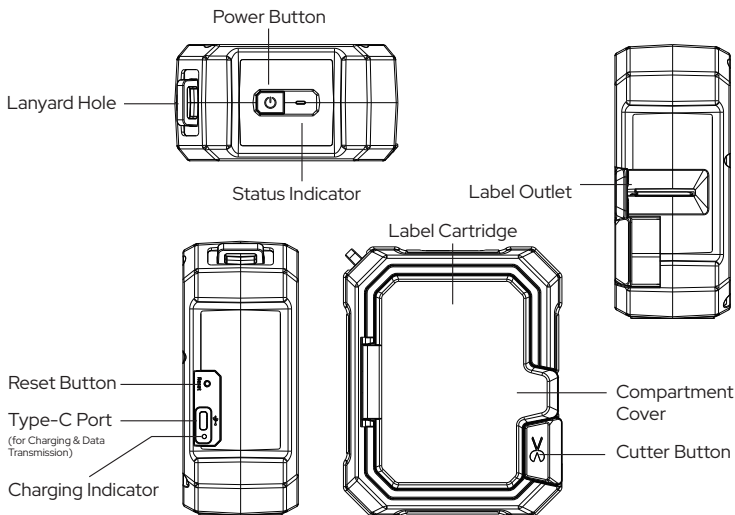


1* Belt Clip
(optional)



1* Magnetic Accessory
(optional)

Major Components

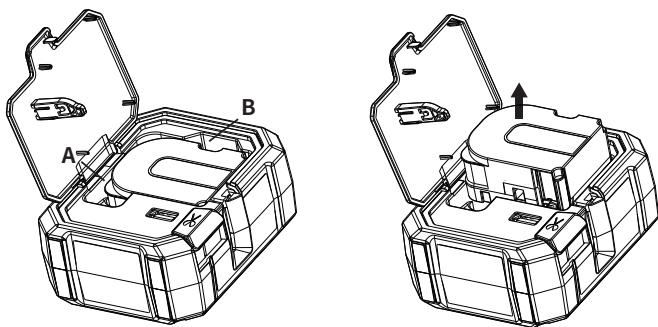


Label Cartridge Installation & Replacement

Use the dedicated MakeID label cartridge that integrates labels and carbon ribbons.

The MakeID dedicated label cartridge features RFID smart recognition technology. When used with the printer and MakeID label software, it automatically identifies the label model and matches the corresponding label template.

Please follow these steps when installing or replacing the label cartridge.



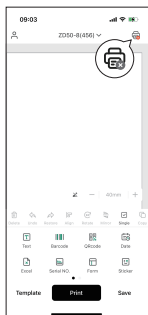
- 1.Open the compartment;
- 2.Remove the label cartridge upward (hold it at points A and B);
- 3.Replace with a new cartridge;
- 4.Secure the cover until it latches;

Print from the APP



1. Get the APP

Scan the QR code below or search for the **"MakeID Label Pro"** app in the APP Store to download and install.



2.Connect to the Printer

- ① Turn on the phone's Bluetooth.
- ② Open the app.
- ③ Power on the printer.
- ④ Tap the  printer icon in the upper-right corner of the app screen to search and connect to the printer.

Attention: The Bluetooth must be searched and connected in the app, not through the phone's Bluetooth settings.

3. Print out the Label

- ① Edit your printing.
- ② Press the 'Print' button to proceed with printing.

Print From PC

Download the **"MakeID Label Design"** software from the website:
<https://www.makeid.com/support>

- 1.Install the software.
- 2.Connect the printer to your computer via the USB cable.
- 3.Power on the printer.
- 4.Open the software and edit your printing.
- 5.Press the 'Print' button to proceed with printing.

Printer Operation

- 1.Power On/Off: Long press  for 3 seconds to power on/off the printer.
- 2.Label Printing: Print task can be sent from the mobile phone or laptop/computer.
- 3.Pause/Resume: During printing, press  once to pause the print task; press  again to resume printing.
- 4.Self-test Printing: When the printer is ready, press  5 times consecutively to print the self-test information.
- 5.Reset: Gently press the reset button with a thin pin to reset the printer.

2. Status Indicator

The printer uses the status indicator to show its current status. The indicator and printer status correspondence table is as follows:

Indicator Status	Printer Status	Note
Off	Power-off	/
Solid green	Printer's ready, and battery level > 20%	/
Flashing green	Battery level < 20%	/
Solid yellow	Print task paused. Printer firmware upgrading	/
Solid red	Printer error	Detailed error information and solutions can be referred to on the mobile phone or laptop/computer.

Printer Operation

3. Buzzer

The printer provides audible alerts via the buzzer when powering on/off, or when connecting/disconnecting via Bluetooth or USB. The buzzer can be turned on or off via the mobile phone or laptop/computer.

4. Charging Indicator

Charging Indicator Status	Printer Status
Off	Not connected to charging cable
Solid Red	Charging
Solid Green	Fully charged

Caution: Please use the compliant power adapter that meets the regulatory standards of your region, and has an output rating of [9V/2A or 5V/2A].

5. Printer Configuration

The printer can be configured via the mobile phone or laptop/-computer;

1. Power on the printer, then connect it to the mobile phone via Bluetooth or to the laptop/computer via the charging cable;
2. Click on the connected printer to view its status and configure settings. Details are as follows:

Item	Description	Option
Serial No	Displays the serial number of the connected printer	/
Error Info	Displays printer error info and solutions	/

Label Model	The installed label model in the printer	/
Remaining Labels	Remaining/Total labels	/
Auto Power-Off	Set the auto power-off time when the printer is not in use	10, 20, or 30 minutes
Label Calibration	Click to advance one label and calibrate the label position	/
Print Self-Test	To print printer's self-test information	/
Audio alert	Printer audio alert switch	Alert on/off
Firmware Version	Displays printer's firmware version information	/
Hardware Version	Displays printer's hardware version information	/
Print Method	Set printer's print method	Continuous Printing: Print all labels at once in a single task. Single Sheet Printing: Print one label, then cut before printing the next
Battery	Displays printer's battery percentage	/

6. Error Alerts & Solutions

When an error occurs, the printer status indicator will flash red. Specific error details and solutions can be referred to on the mobile phone or laptop/computer. The main errors and solutions are listed in the table below: If the error cannot be resolved, please email us at service@-makeid.com for further assistance.

Error	Solution
Compartment cover opened	Close the cover
Label error	Reinstall the label cartridge or replace it with a new one
Cutter jammed	Clean any foreign matter or adhesive residue from the cutter
Print head overheated	Wait til it cools down before using again
Label not recognized	Use the official MakeID label cartridge
Low battery	Charge the printer

Printer Parameter

Printing method	Thermal Transfer
Printing Resolution	300DPI
Valid Printing Width	25.4mm
Printing Speed	Max 25.4mm/s
Print Head Life	≥50km
Communication Port	USB, Bluetooth
Connector Type	Type-C
Cutter	Manual Cutter
Software	MakelD Label Pro (APP) MakelD Label Design (PC)
Input	DC 9V=2A or DC 5V=2A
Battery Rating	2600mAh
Battery Type	Internal, non-removable lithium-ion Battery
Working Environment	0℃ - +40℃, 20% ~90%RH (non-condensing)
Storage Environment	-20℃ - +60℃, 5% - 93%RH (non-condensing)
Dimension	146mm*118mm*62mm
Weight	600g (consumables not included)
Consumable Type	Integrated label cartridge

Daily Maintenance

Print head cleaning

The print head should be cleaned when any of the following occurs

1. The printing is not clear,
2. Certain column in the vertical direction of the label is not clear;
3. Each time when consumables used up.

Print head cleaning steps

1. Turn off the printer, open the upper cover, and take out the consumables cartridge;
2. If you have just finished printing, please wait for the print head to cool down completely;
3. Use a soft cotton, dipped in absolute ethanol (wrung out) to wipe off the dust and stains on the surface of the print head;
4. Wait for 3-5 minutes, after the absolute ethanol has completely evaporated, then install the label box.

Note:

1. Must ensure that the power is turned off when maintenance.
2. Do not touch the surface of the print head with hands and metal objects, and do not use tools such as tin to scratch the surface of the print head/printing glue and sensor;
3. Do not use gasoline, acetone and other organic solvents;
4. Wait for the absolute ethanol to evaporate completely, and then turn on the power to continue print.

Safety Notes

Your personal safety is very important in the operation and maintenance of the product. This manual includes warnings and precautions for safe operation. Please read carefully and understand all warnings and precautions before use. Do not attempt to repair or adjust the product yourself. If you still fail to fix the troubles according to the suggested methods described in this manual, please power off the product and contact us at service@makeid.com for further assistance.

Safety Warning



Warning: The printhead is a heat-generating component. Do not touch the printhead and its surrounding components during and just after printing.



Warning: This printer does not include a power adapter. To ensure the safety and normal operation of the device.



Warning: please use a compliant power adapter that meets and complies with the regulatory standards of your region, with an output parameter of [9V/2A or 5V/2A].

Precautions

1. Do not use the printer for any use or purpose other than those described in this manual, as that may cause accidents or damage to the product.
2. Only MakelD official labels can be used for this printer. Thus, please do not use other branded labels as the replacement, as this may cause damage to the printhead and shorten its life. Damage to the printhead caused by the use of poor-quality labels are not covered by the warranty.
3. The print head is a heat-generating component. Do not touch

the print head and its nearby components during printing or just after printing.

4. Do not touch the printhead to prevent static electricity from causing damage to sensitive components. If the printhead gets dirty, please clean it with anhydrous alcohol.

5. Do not scratch the printhead with hard objects. Damage to the printhead caused by improper maintenance or use are not covered by the warranty.

6. Do not place any foreign objects outside the label exit, as this may cause damage to the printer.

7. Do not press or hit the printer, as this may cause damage to the components or the printer to malfunction.

8. If the printer is soaked in water or damaged, stop using it immediately.

9. The printer should be kept away from direct sunlight or the rain, heaters and other heat-generating devices, dashboards, the rear of the cars, nor exposed to extremely high or low temperatures, high humidity, or dusty areas. It is recommended to use the printer at a temperature of 0°C ~ 40°C, humidity 5% ~ 85% to ensure a good printing effect and prevent the printhead from being burnt.

10. If there is a large temperature difference between indoors and outdoors, it is not recommended to use the printer immediately when it is taken from outdoors to indoors. It needs to be left to stand for a period of time to ensure that the printer is frost-free before use;

11. Do not stick the label where your hands often touch. Sweat and friction will make the printings fade.

12. Do not leave the labels in contact with chemical liquids, for a long period, otherwise, it will affect the preservation time.

13. To prevent labels from jamming due to multiple printings, please remove and tear off the label at the label exit after each

printing task is finished.

14. Do not disassemble the printer to avoid possible electrocution, mechanical injury, or causing damage to the printer components and other accidents.

15. Power off the printer immediately to avoid burns if the printer shows abnormalities such as emitting smoke or odor, etc.

16. To prevent unexpected situations, do not force to open the cover to remove the label roll when the printer is operating.

17. Do not touch the printhead to avoid burns because the printhead is still in a high-temperature state after the printings have just finished.

18. As the printhead is a precision component, and to better protect the printhead and extend its life, it is recommended: a. Not to print more than 8 meters for each continuous printing. b. Not to print more than a total length of 30 meters per day.

19. When the printing effect meets the requirements of use, it is suggested that the user should set the printing density/darkness as low as possible, so as not to affect the service life of the print head.

20. Due to the structural reason, the printhead is a fragile component, please pay attention to the following notes to avoid corrosion.

a. Do not touch the printhead surface.

b. Do not use carbon ribbons and label paper that contain sodium (Na) ions, potassium (K) ions, and chlorine (Cl) ions.

c. Printhead should be avoided contact with any liquids or wet objects.

d. Printhead can be only cleaned with anhydrous alcohol.

21. Please keep this manual properly for reference.

Warranty Policy

Warranty Period: MakelD will provide you with free limited liability repair or product replacement services for 2 years from the date of purchase of this product in the event of a hardware failure on the condition that you have installed and used this product in full accordance with the normal working conditions and methods specified in this user manual.

Kind Reminder:

1. Documents such as user manual, guide card, and all cables such as the charging cable, etc that come with the product are not covered by the warranty.
2. Discounted or complimentary items that come with the product are not covered by the warranty.
3. Order number, contact information and delivery details which shall include your name, phone number and full address are needed for after-sale services of your product due to quality or function issues within the warranty period.

Ineligibility for the Warranty Service

Malfunctions or damage of this product belonging to the following situations are not covered by the free warranty, please choose paid repair service:

1. The product or its components exceed the warranty period.
2. Failure to install and use in accordance with the manual.
3. Repaired or disassembled by non-MakelD staff.
4. Non-MakelD labels or unsupported print media are used.
5. The operating environment does not conform to the conditions specified in the manual.

6. Substandard packaging or transportation methods are used by users during the transportation and handling of the product.

7. Non-MakeID components are used.

8. Malfunctions or damage due to force majeure such as man-made or natural disasters (e.g. earthquake, fire, etc.)

9. Other malfunctions or damage that is not caused by product quality issues.

This policy does not affect your legal rights as a consumer.

FCC COMPLIANCE STATEMENT:

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.

Changes or modifications to this unit 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.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Radiation Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm from your body.

This product contains radio module,

FCC-ID: 2AC7Z-ESPWROOM32.

Important: This module is only for integration into this host device. End-user shall NOT remove, replace or modify this radio module. Unauthorized modification will violate FCC regulations.

Copyright

This manual was printed in 2026, and its copy right belongs to Chongqing Pinsheng Technology Co., Ltd.

Printed in China

Version 1.1