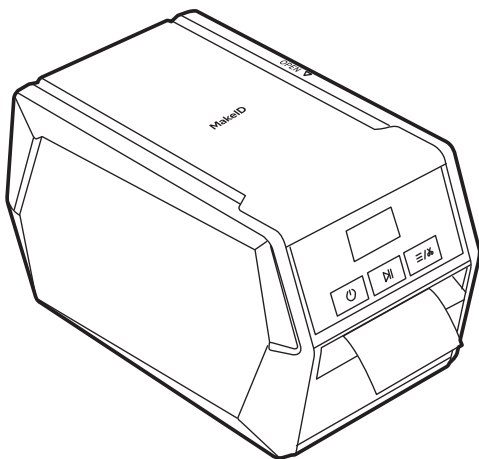
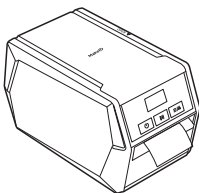
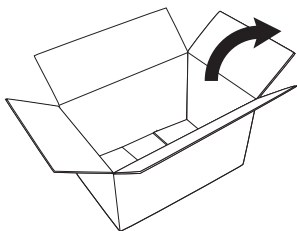


# MakeID

## D50 Label Printer User Manual



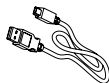
## Packaging List



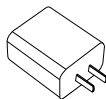
✓ Label printer

---

✓ Data/power cable



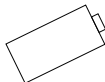
✓ Power adapter



✓ Integrated Label  
& Ribbon Cartridge



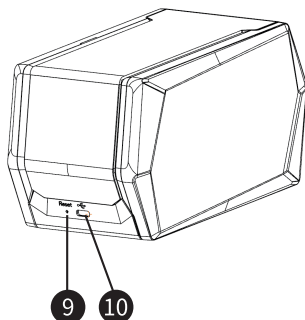
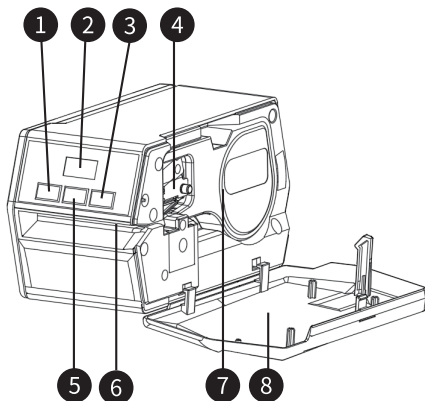
✓ Type-C Adapter



✓ User manual



## Major Components

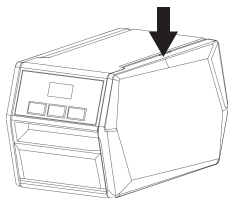


- 1 Power button
- 2 Display screen
- 3 Cutter/Set button
- 4 Printhead unit
- 5 Feed/Pause button
- 6 Label exit
- 7 Label cartridge
- 8 Compartment cover
- 9 Reset button
- 10 USB port

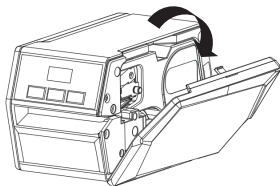
## Label Cartridge Installation & Replacement

Please follow the 1→ 2→ 3→ 4 sequences to install or replace the integrated label & ribbon cartridge.

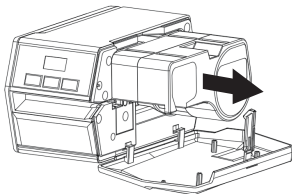
① Open the compartment cover.



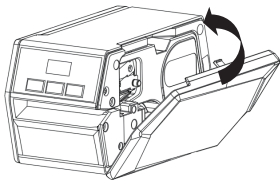
② Remove the cartridge.



③ Place the new one into the compartment and press to the innermost.



④ Close the compartment cover.



### CAUTION:

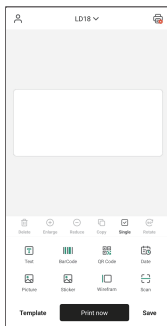
① When placing the integrated label & ribbon cartridge, please ensure the label side faces the exit and the label tip is put into the exit.

② When closing the compartment cover, please ensure the bottom snap-ins are securely placed inside the corresponding holes.

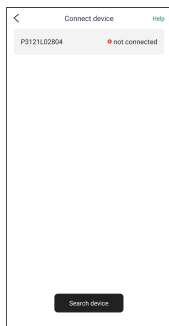
# Label Printing - Print through APP



**1.** Scan to get APP



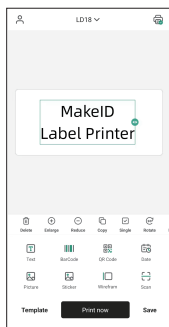
**2.** Enter APP



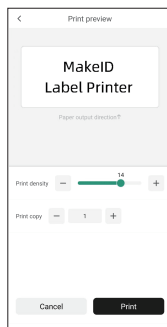
**3.** Connect Bluetooth/Wifi



**4.** Get printing templates

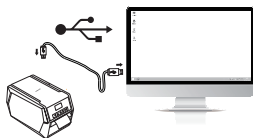


**5.** Edit the contents

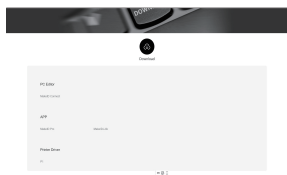


**6.** Print

## Label Printing - Print through PC



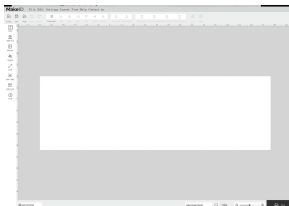
**1.** Connect to the PC



**2.** Download the editing software and drive (which can be downloaded from [www.makeid.com/en/support.html](http://www.makeid.com/en/support.html))



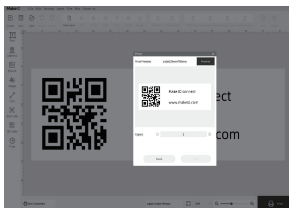
**3.** Install the drive  
(restart the PC if the installation fails, and run uninstallation before reinstall it)



**4.** Open the Software




**5.** Edit the text



**6.** Print out the label

# Printer Operation


## 1. How to Set the Printer?

Long press the “” for 3 seconds to power on the printer with an indication tone. Under normal conditions, the printer screen displays the main page, but if any abnormality occurs, it will be prompted on the screen. The Ready page display is as follows:








- |                                  |                                     |
|----------------------------------|-------------------------------------|
| ① Bluetooth is turned on         | ② WIFI is turned on                 |
| ③ Bluetooth or WIFI is connected | ④ USB is connected                  |
| ⑤ Battery                        | ⑥ Printer's ready                   |
| ⑦ Label & ribbon type            | ⑧ Printing density                  |
| ⑨ Printer serial no.             | ⑩ Remaining labels/<br>total labels |



When the printer is on, long press the  for 3 seconds to power off the printer with an indication tone.

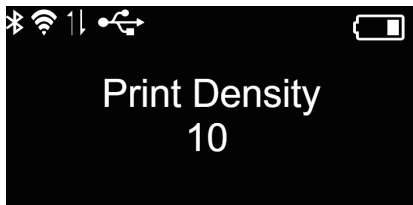
In the Ready page,

- ①Click on the , one die-cut label will move forward automatically, or a certain distance for continuous labels;
- ②Click on the , the printer will cut off the label.
- ③Long press the  for 3 seconds to enter the Set page, and click on the button again to switch different setting options. The setting options include the indication tone, Wifi, automatic power off time, the cutter, the languages, positioning accuracy and positioning mode, which can be set in unidirectional cycle by clicking on the . Long press the  for 3 seconds during the process to return to the main page.

## Printing density

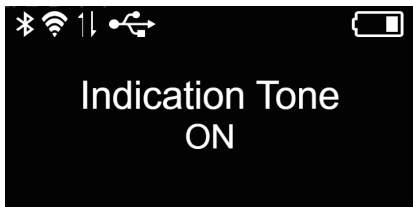
Printing density has 20 levels, the bigger the digit is, the darker the printing will be. You may adjust the density level to meet your needs.

Density levels between 10 and 14 are recommended. Higher or lower density level may affect the printing quality.



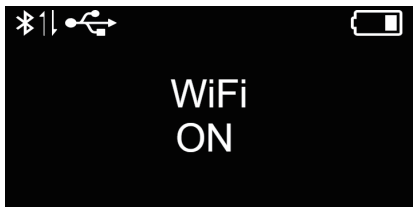
## Indication tone

When the printer status changes, the indication tone will be prompted through the beeper. You can turn on or off the tone in the setting. Tone in the system default is on.



## WiFi

Turn on or off the Wifi. Wifi in the system default is on.



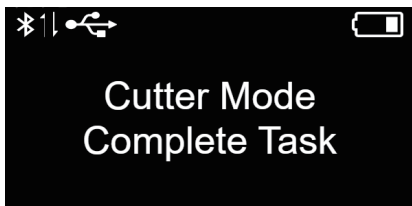
### **Automatic power off time**

Automatic power off time setting if no further operation on the printer.



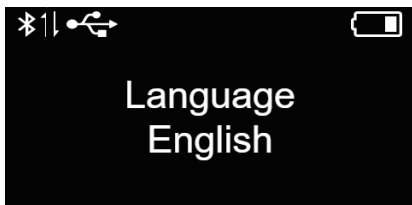
### **Cutter setting**

Cutter operation mode setting. The mode includes Cut by Each Label (cut every one label printing), Cut by Complete Task (cut every printing task), and Cutter Turn off.



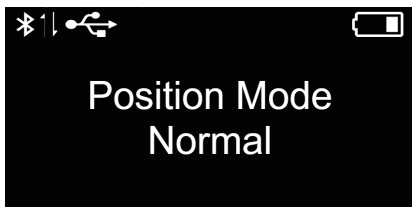
### **Language setting**

Display Chinese or English language by setting the languages.





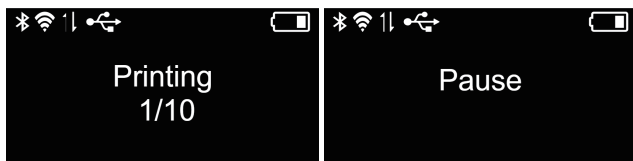
## Positioning mode setting

Positioning mode includes two modes: normal mode and accurate mode. When in accurate mode, every time the cover is put back on, one label will automatically feed to guarantee an accurate printing position, while in normal mode, no label will feed which may cause the first printing off position. Positioning mode in the system default is normal mode.



## 2. How to Use the Printer?

During the printing, the screen shows the progress. Click on the  , the printing task pauses and the screen shows pause once the current label printing task finishes, and click on the button again to continue the printing. Long press the  to cancel the printing task.



## Malfunction Indication

When the printer malfunctions, an abnormal status notice will be prompted on the printer screen and the PC/APP, please refer to the following methods for appropriate troubleshooting. If you still can not solve the problem, please contact the agent or manufacturer.

Status notice	Troubleshooting
Close Cover	Shut the cover back on.
Abnormal label	Reinstall the label cartridge and shut the cover back on.
Label failed to be identified	Use official label & ribbon or return for repair.
Cutter stuck	Remove the label that stuck at the cutter, and restart the printer.
Printhead overheated	Do not print until the printhead cools down.
Pause	The printer is in pause state, click on the Pause button to restore.
Low battery	Connect the printer to the adapter to charge.

# Maintenance and Repair

## 1. Printhead cleaning

Printhead should be cleaned when any of the following conditions happens:

- ①Blurry printing;
- ②Blurry vertical column in printed labels;
- ③Each time one consumable cartridge used up;

Please follow the steps below to clean the printhead:

- ①Power off the printer, open the top cover and take out the consumable cartridge;
- ②Wait til the printhead cools down completely if printings just finish.
- ③Use soft cotton cloth dipped in anhydrous ethanol (should be wrung out) to wipe off the printhead surface dust, and stains.
- ④Wait 3-5 minutes until the anhydrous ethanol completely evaporates before installing the label cartridge.

### CAUTION

- ①Please ensure the printer is powered off when maintenance.
- ②Do not touch the printhead surface with hands or metal objects, and do not use tools such as tweezers to scratch the printhead, the print roller or the surface of the sensor.
- ③Organic solvents such as petrol and acetone should not be used.
- ④Do not power it on to print until the anhydrous ethanol completely evaporates.

## 2. Long term storage

If the printer is not used for a long period of time,

- ① Make sure the battery is fully charged;
- ② Take out the carbon ribbon cartridge and store separately from the printer.
- ③ The storage conditions should be temperature -20°C~ +60°C, and humidity 5%~93%RH (frost free).

## Printer Parameter

Item	Parameter
Printing method	Thermal transfer printing
Printing resolution	300DPI
Valid printing width	48mm
Label width	35mm, 53mm
Label thickness	0.06~0.16mm
Printing speed	40mm/s
Cutter	Automatic cutter
Display screen	1 inch OLED
Battery capacity	2600mAh
Connection method	Bluetooth, Wifi, USB
Charging method	type-C, Quick Charge 2.0
Rated input	9V/2A
Dimension	173mm*96mm*96mm
Weight	1030g
Working environment	0°C~+40°C, 20%~90%RH (frost free)
Storage environment	-20°C~+60°C, 5%~93%RH (frost free)
Editing software	MakeID Pro Mobile APP & MakeID Connect Desktop Software
Consumable type	Integrated label & ribbon cartridge

## Safety Notice

Please read the following notices with attention before using the printer.

### 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: To avoid damage to the printhead by static electricity, do not touch the printhead surface and connection plugin.

### Cautions

- ① Appropriate space around the printer is needed for operation and maintenance.
- ② Printer should be kept away from water.
- ③ Do not use or store the printer under high/low temperature, high humidity or heavily polluted areas. In addition, printer should be kept away from direct sunlight, bright light, and heat source.
- ④ Printer should not be stored in any vibratory or impactive areas.
- ⑤ Do not use the printer under humid or dewy conditions. If dewing is formed, do not power on the printer before it dries out.
- ⑥ Connect printer's power adapter to a properly grounded socket. Avoid using the same socket with large motors or other equipment as which may cause fluctuations in power supply voltage.
- ⑦ Disconnect the printer from the power if it is not to be used for



an extended period of time.

⑧ Avoid water or any electrically conductive substances (e.g. metal) from entering the printer. Turn off the power as soon as this occurs.

⑨ Power must be turned off when connecting or disconnecting any port, otherwise damages to the printer control circuitry may occur.

⑩ It is recommended that users set the print density level as low as possible to avoid shortening printhead service life, provided that print results meet the usage requirements.

⑪ Users must not disassemble the printer on their own for overhaul.

⑫ Please keep this manual for future reference.

## Declaration

The contents of this manual must not be changed or modified without consent. Chongqing Pinsheng Technology Co.,Ltd. (hereinafter referred to as Chongqing Pinsheng) reserves the right to change the product in terms of technology, component, software and hardware. If you need further information about the product, please contact the agent or Chongqing Pinsheng through the email assistance at [xly.support@makeid.com](mailto:xly.support@makeid.com).

No chapter or section of this manual could be reproduced or transmitted in any form, or by any means without the written permission from Chongqing Pinsheng.

## Copyright

This manual was printed in 2024, and its copyright belongs to Chongqing Pinsheng Technology Co., Ltd.

Printed in China

Version 1.0

## Trademark

**MakeID** is the registered trademark used by Chongqing Pinsheng Technology Co.,Ltd.



**WARNING:** Injury to persons, and/or damage to the printer may occur if you fail to comply with the warning.



**CAUTION:** Important information and useful reminder when using the printer.

Management Systems of Chongqing Pinsheng have passed the following certifications:

ISO9001:2015 Quality Management System

ISO14001:2015 Environmental Management System

## **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.

图纸资料					
图 号	D50使用指南海外M-2				
尺寸(mm)	105mm*148mm	尺寸公差(mm)	±0.1mm	比 例	1:1
色 号	<div>■</div> WEWIN 300A (PANTONE BLACK C )				
字 体	思源黑体				
材 质	/				
备 注					
制 图	张阳	审 核		日 期	2024. 9. 26
会签栏					

此页不印刷