User Manual

Sneed-Jet Freedom Handheld Printer

Please read the user manual carefully to use the printer better.

Dear Customer:

Thank you for purchasing and using this product! Please read this manual carefully to help you better use the machine. The user manual could help you master correct operations and avoid unnecessary trouble caused by errors or irregular operations.

Notes on use:

1. Insert or remove the ink cartridge when the printer is turned off.

2. Do not change the parameters when the printer is printing.

3. When the printer is not working, remove the ink cartridge and cover it tightly with the protective clip to avoid blockage or damage.

4. Turn off the printer by following the correct steps: Click Shut Down and press the red power button after the screen turns off.

5. Do not place the printer in humid conditions to avoid the influence of humidity.

6. Do not hit the printer with hard objects.

7. Make sure the ink cartridge is in the right place when you use it.

8. Press the button and release when using the key trigger print mode. It will start printing, so there is no need to keep pressing the button on the handlebar.

Procedures to follow when prints are unclear

1. Check if the ink cartridge is in the correct shape.

2. Upload the print file again.

3. Check if the print configuration parameter is correct.

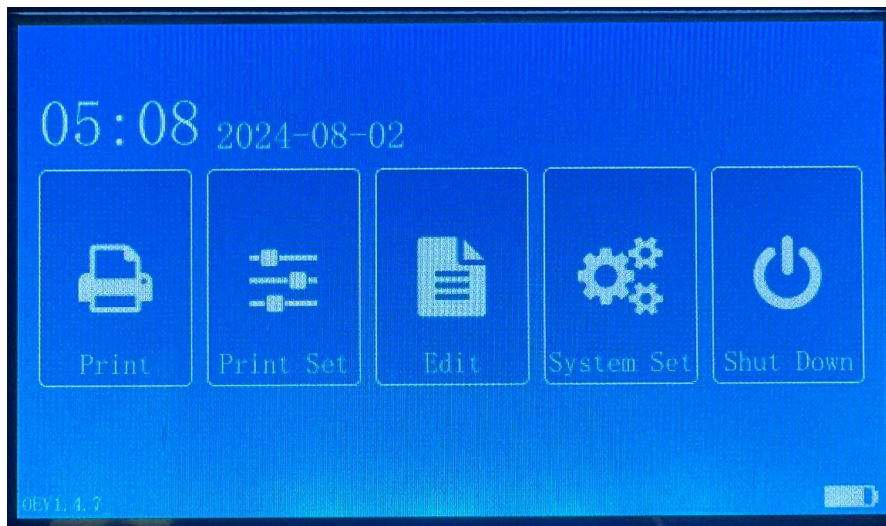4. Check whether the cartridge nozzle is clean or not.

Content

1. Parameter

Nozzle	TIJ thermal inkjet nozzle
System	Linux
CPU	Quad 1.4GHz
Screen	4.3 inches
Operation	Touch screen
Interface	USB
Language	English, Turkish, German, Korean, Persian, Portuguese, Russian, Spanish, Italian, French, Thai, Vietnamese
Printing height	Minimum 2mm, Maximum 25.4mm
Resolution	300DPI
Printing distance	2-5mm
Ink Type and Volume	Black water based 42ml, Solvent black 42ml
Ink color	Black, white, red, blue, green, yellow
Printing material,	Cartons, pipe, plastic, woven bag, cable, stone, board, wood, metal
Printing content	Text, numbers symbols, QR codes, barcodes, images, dates, variable data, variable QR codes
Battery	14.8VDC, 2600mAh
Printer material	Metal+ABS
Adapter	AC100~240V input, DC16.8V/2A output
Dimension	23.9x12.3x11.8cm (Measuring the maximum size)
Weight	1.12KG(include battery and ink cartridge)
Working	Environment Temperature 0-45℃(20-30℃the best), humidity40-60%RH

2. Diagram and Main Menu
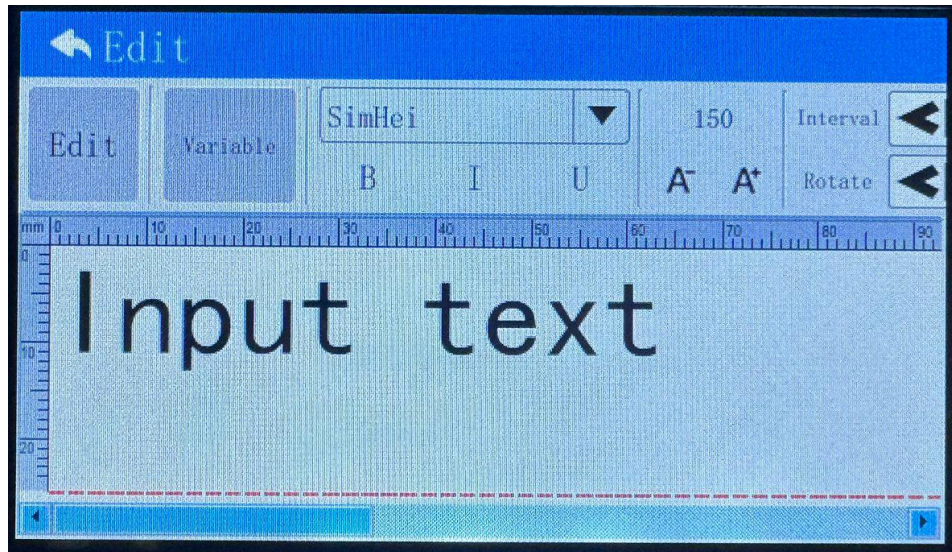

Print: Enter the print window
Configure: Configure printing parameters to adjust printing and printing mode.
Edit: Edit the print file and manage the file.
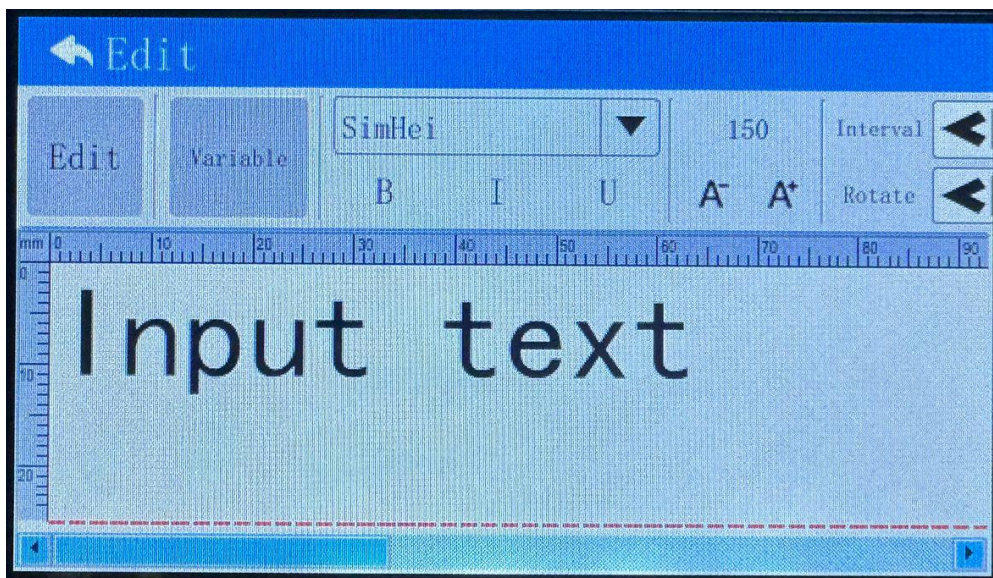**System**: Configure system settings.
Shutdown: Shut down the system.

3. Edit

Click Edit in the menu, then enter the printing window. Here, you can input text, time, dates, counters, images, QR codes, or barcodes.
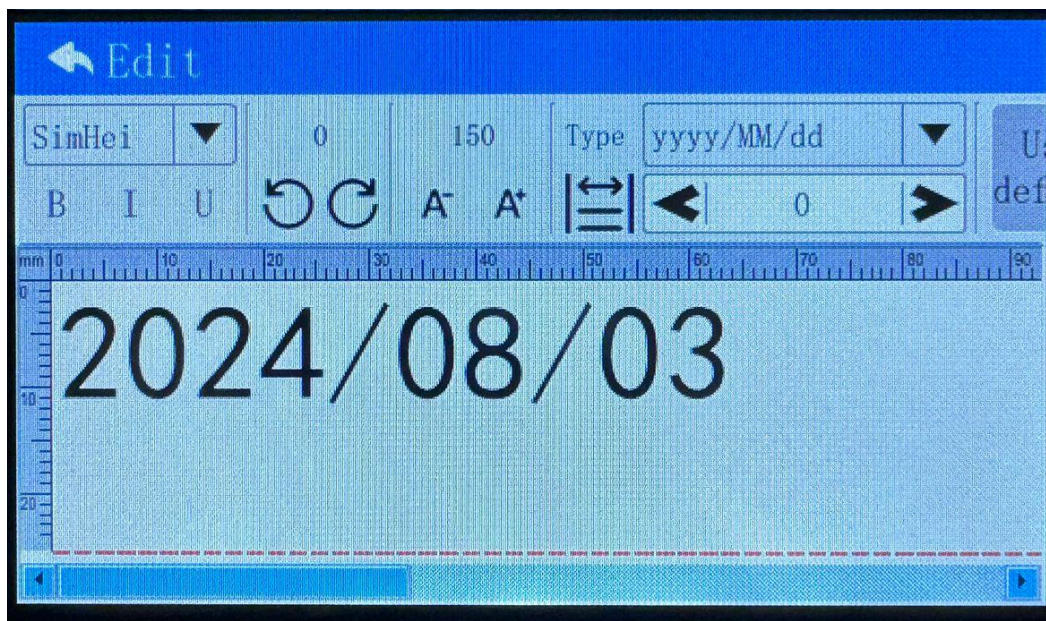
3.1 Edit Text

In the edit menu, click Text to input Text, number, symbol, and other contents.

Click Text→Edit →Empty→Input the information that you need→

Finish → adjust font, size, interval space, rotation, and position as

need→click the return button to go back to the edit window→File

→Save or Save as→input filename(Letter or number)→OK →click

on the top left arrow to exit.

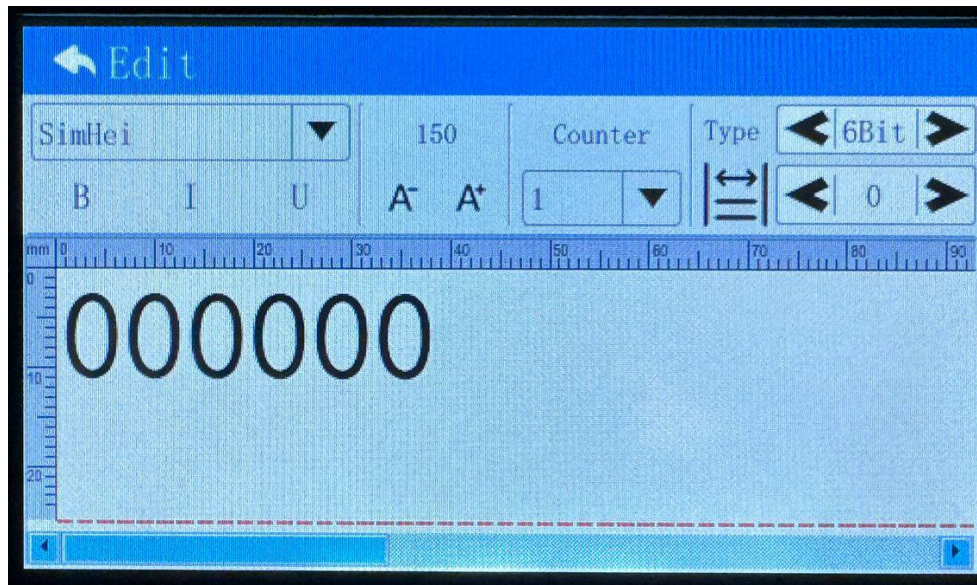Click Delete in the upper right corner to delete current content.

3.2 Edit Time

In the edit menu, click Time to input time and date.

Click Time (system date will be added to the message)→ adjust

font, size, interval space, and position as need→click the return

button to go back to the edit window→File →Save or Save

as→input file name(Letter or number)→OK →click on the top left

arrow to exit.

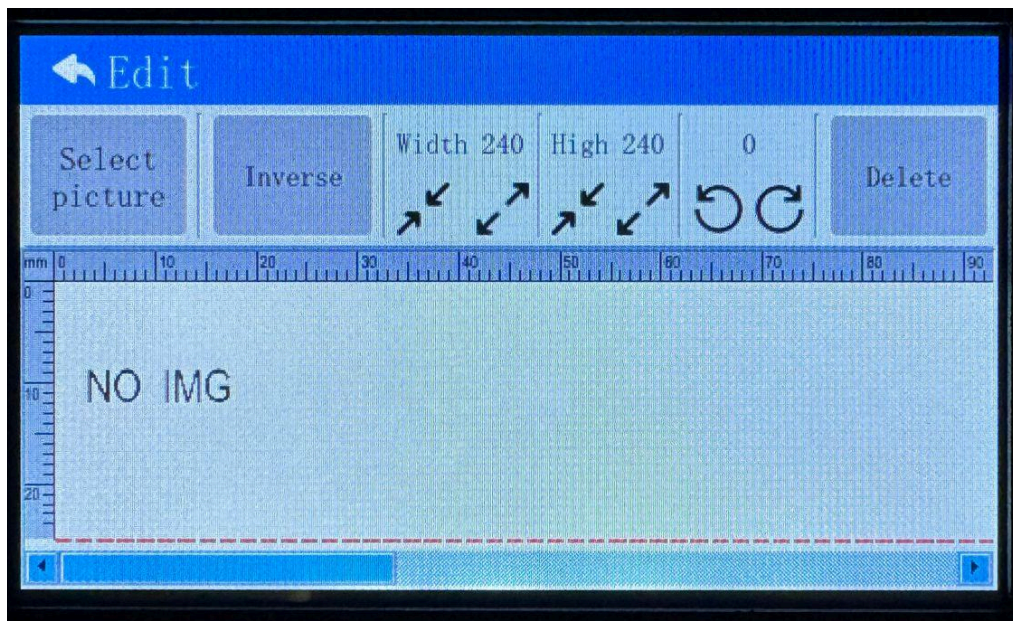Click Delete in the upper right corner to delete current content.

3.3 Edit Count

In the edit menu, click Count to input the counting number.

Click Count (000000 will pop up directly)→ adjust type, font, size, interval space, and position as needed→. Click the return button to go back to the edit window→File →Save or Save as→input file name (English letter or number)→OK →click the return button to exit.

Click Delete in the upper right corner to delete current content.
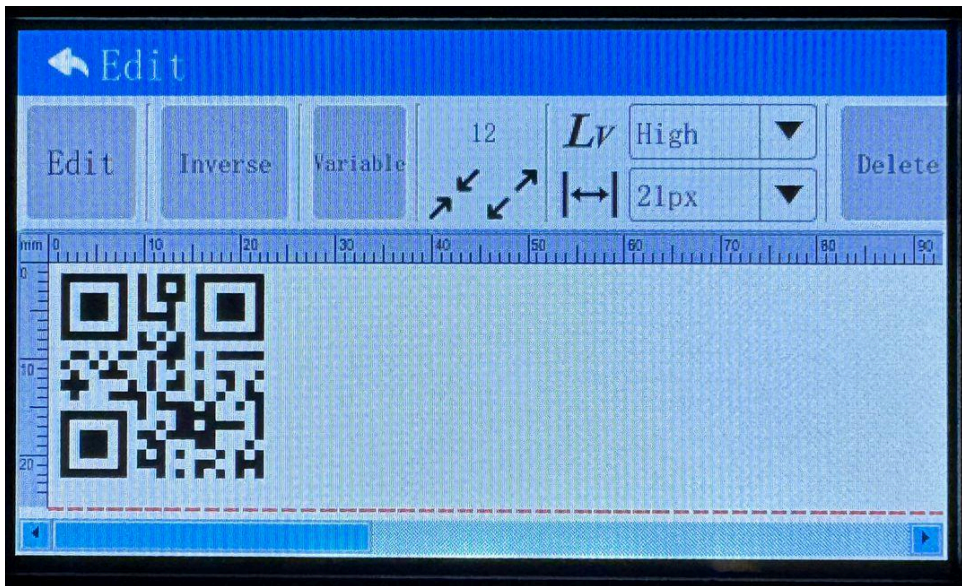
3.4 Edit image

In the edit menu, select "Image" to load an image.

Note: The image must be transferred to a USB disk and then copied to local storage in monochrome BMP format.

Insert USB disk→ Click Image→Select picture→UDisk→choose image file → Copy to local → Local →choose image file→OK→adjust image size, rotation, and position as needed →click return button to go back to the edit window → File → Save or Save as → input file name (Letter or number)→ OK → Click return button to exit.

Click Delete in the upper right corner to delete current content.

3.5 Edit QR Code

In the edit menu, click QR code to input QR code content.

Click QR code→Edit→input text content→ click return button to go back to the edit window→File →Save or Save as→ input file name (English letter or number)→adjust image size, rotation, and position as needed →click return button to exit.

Click Delete in the upper right corner to delete current content.

The variable QR code can be generated in two ways: "internal data" and "external data." Internal data is generated in real-time based on the counter value.

External data is generated in real-time based on links to associated

external file sites.

The QR code's size can be adjusted by "⤢" and "⤡," and the

resolution can be adjusted by "↔".

Click Delete in the upper right corner to delete the current content.

3.6 Edit Barcode

In the edit menu, click Barcode to input Barcode content.

Click QR code→click Type to choose the proper barcode type →

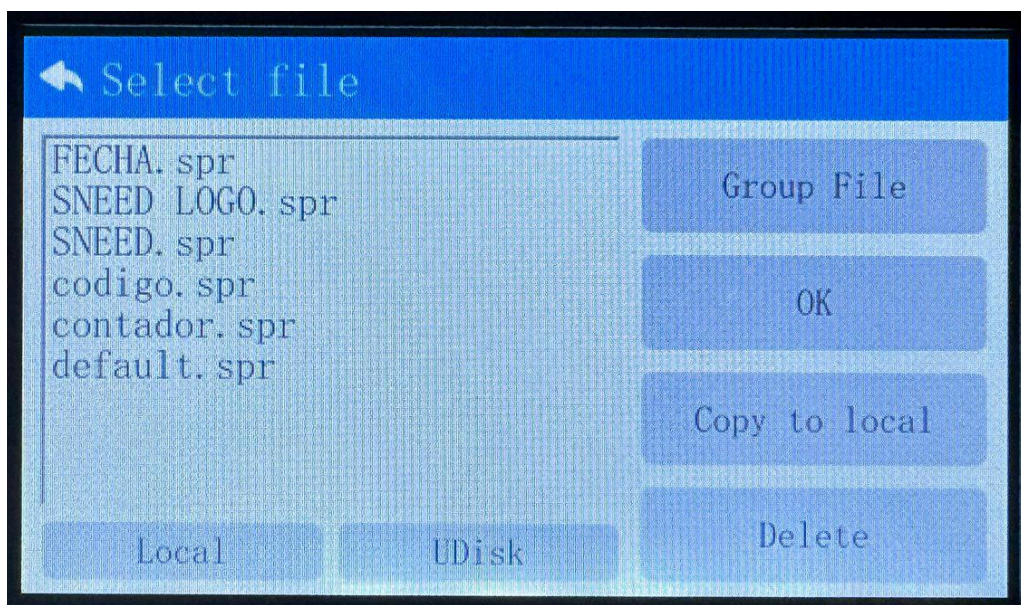Edit →input barcode number →click return button to go back to the

edit window→

File →Save or Save as→input file name (Letter or number)→adjust

image size, rotation, and position as needed→click return button to exit.

If you do not need the Barcode number displayed, you can select "Hide Number."

Click Delete in the upper right corner to delete the current content.
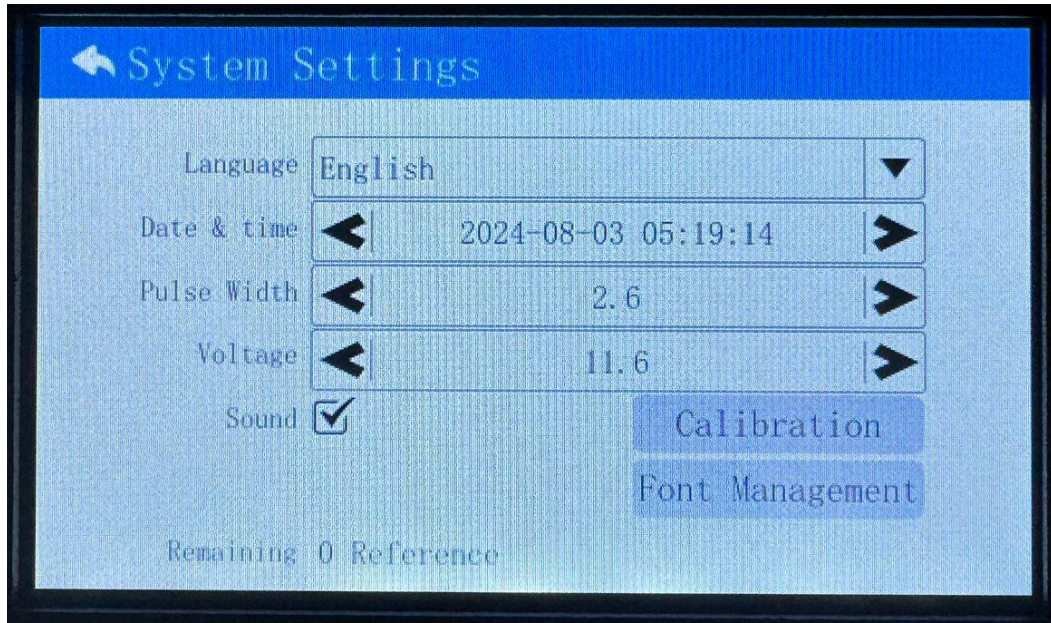
3.7 Delete and copy file

In edit menu, click File → Open → Local → Select file →Delete In edit menu, click File → Open → Local → Select file →Copy to local

4. System Set

4.1 System Settings

Language: Choose the language needed and click the exit button, and the system will restart automatically.

Date & Time: current date and time.

Voltage: set up proper voltage according to the ink cartridge.

(8.8V Default)

Pulse width: Set the proper pulse width according to the ink cartridge.

(1.8 Default)

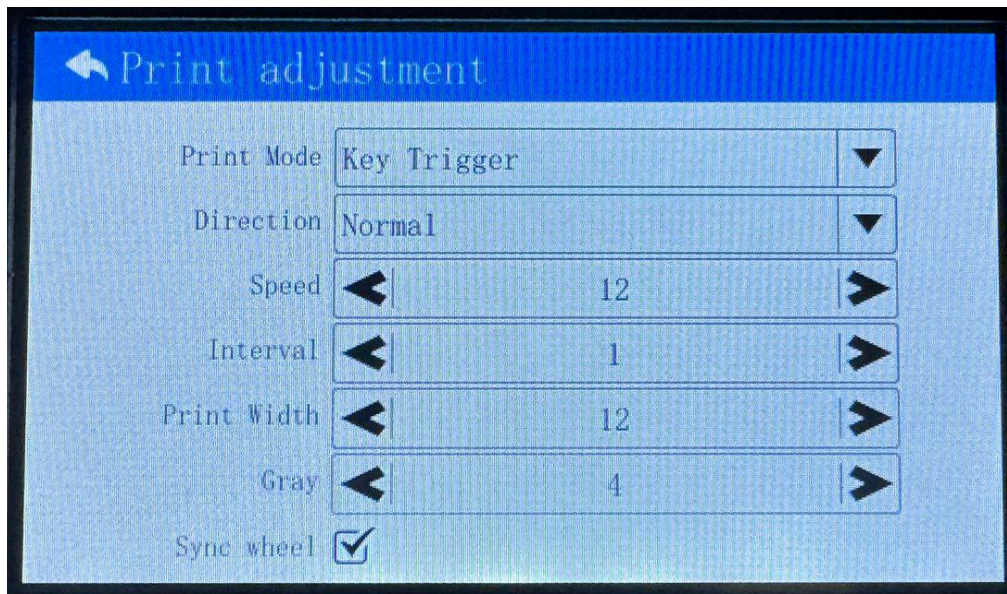**Sound**: When you select the option, you will hear a tone after each print is completed.

Calibration: After clicking, the system will reboot.

In the calibration process, click on the five crosses shown on the

screen to finish the calibration.

(Do not click this function if the printer screen is working normally)

4.2 Print Settings

Print Mode: choose different modes to trigger the printer
- **Key trigger**: Trigger printer via print button; need tick Sync wheel.
- **External sensor**: Trigger printer via an external sensor -
- **Automatic**: No need for trigger; printer will work continuously after starting.

Direction: the direction of printing. There are four directions: normal, X reverse, Y reverse, and XY reverse.
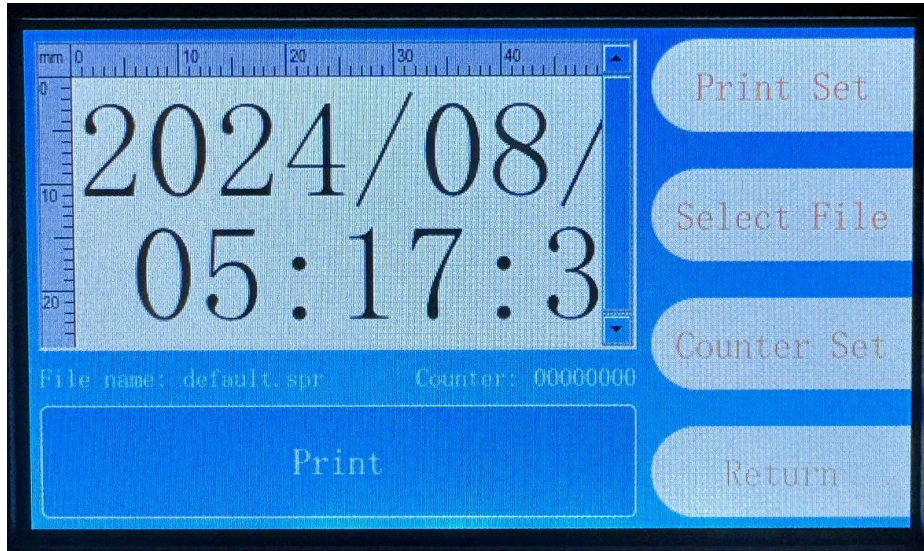
Speed: the speed of printing, 0 is the fastest.

Interval: the time the printer receives a trigger signal to start work. 0 is the minimum value.

Print width: This function will be affected after clicking the Sync wheel. When the value is higher, the printing length will be wider.

Gray: The printing color will be darker when the value gets higher.

Sync wheel: You need to click this function when using the print mode of the fundamental trigger.
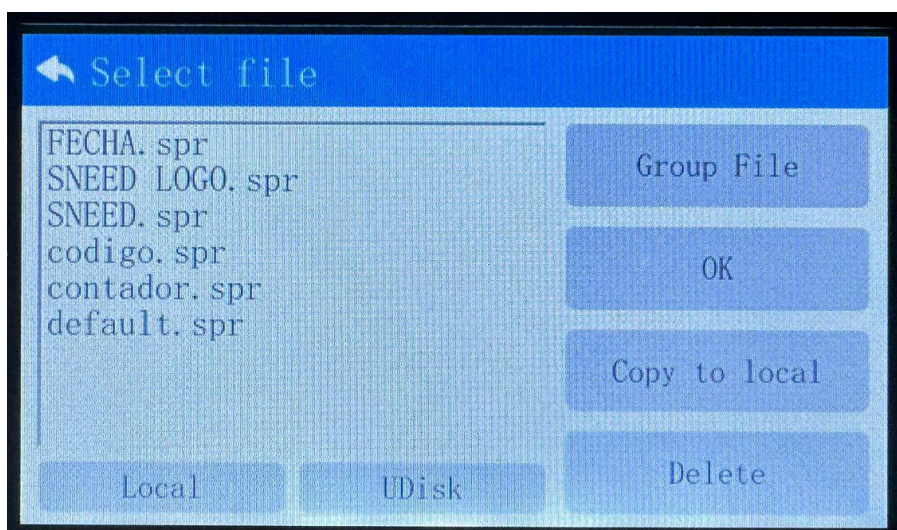
5. Print

Print Set: the same as print adjustment.

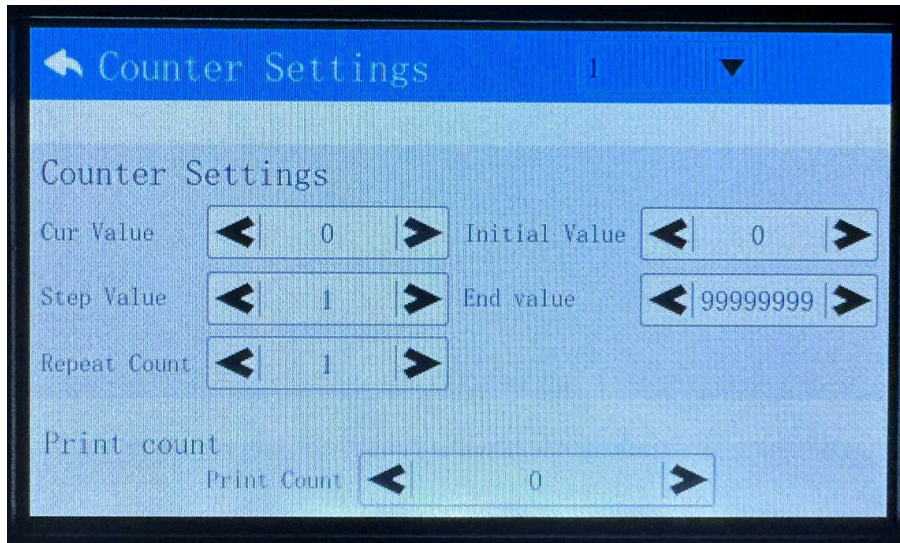**Select File:** The load file needs printing.

Counter Set: Set up the counter initial value, end value, current

value, step value, current value, and number of prints.

5.1 Select File

Select File →choose the file from Local or UDisk→OK→finish

loading.

5.2 Counter Settings

The counter value corresponds to the count number in the print

file.
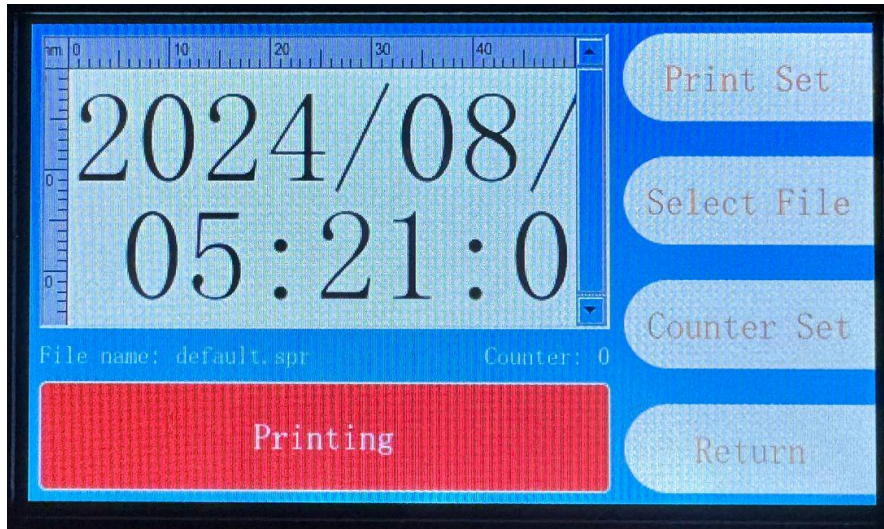
Actual value: The current value of the count number.

Initial value: The start value of the count number.

Step value: The increasing value of each time.

End value: The maximum value of the count

number.

Print count: The cumulative number of prints. It

could be cleared to zero for restart.

5.3 Start Printing

Set up printing parameters and load printing files. Click Print to start printing. Pressing the printing button on the handle and rolling the printer wheel on the flat object will finish the printing work.

Please ensure you turn off the Printing mode before making any changes to the parameters.

6. Packing List

No	Item	Quantity
1	Hand-held printer	1
2	2600mAh Li-ion battery	1
3	Charger	1
4	Black solvent ink cartridge	1

| 5 | Spare parts | 1 |
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