80MM Portable MINI Thermal Printer
Instruction Manual

Download Password：1234
Android BT APP

Please click the below link to download printer drivers and other tools.

http://www.cnfujun.com/d/35

Version
Dec,2021
Notice

- All rights reserved. Reproduction of any part of this manual in any form whatsoever, without manufacturer's express permission is forbidden.
- The contents of this manual are subject to change without notice.
- All efforts have been made to ensure the accuracy of the contents of this manual at the time of going to press. However, should any errors be detected, manufacturer would greatly appreciate being informed of them.
- The above notwithstanding, manufacturer can assume no responsibility for any errors in this manual

Declaration

We have been carefully handling the manual and trying our best to ensure the accuracy of the contents of this manual. But we still can't promise it is always correct due to our products are being improved and updated all the time. The contents of this manual will be updated without notice at any time.

All of our products must be used under environments/locations which are taken care by human being. We are not responsible for any loss or damages caused by any accident while the products are used without taken-care by human being. If there are any products failures caused by human behaviors or natural disaster, we will not provide or just provide partial free maintenance.
Please contact local agents for the latest information of the products.

Notice :

Thanks for using our Portable Printer !

To ensure the safety of storage and transportation, we stick a insulating tape on the metal of the Li-Ion battery . Please kindly take off the insulating tape before its firstly turning on.

Insulating tape

Warm tip: Please seal the battery and pay attention to the garbage classification when discarding it to avoid the environment pollution .
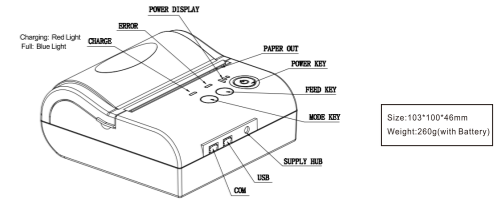
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1.Appearance

POWER DISPLAY
Charging: Red Light
Full: Blue Light
CHARGE
ERROR
PAPER OUT
POWER KEY
FEED KEY
MODE KEY
SUPPLY HUB
USB
COM

Size:103*100*46mm
Weight:260g(with Battery)

Paper Warehouse
Jagged Cutter
DC Charge indicator
Paper out indicator
Charging: Red Light
Full: Blue Light
OLED
Paper Warehouse switch
Power Button
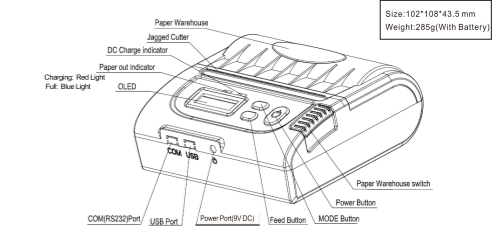
Size:102*108*43.5 mm
Weight:285g(With Battery)

COM(RS232)Port   USB Port   Power Port(9V DC)   Feed Button   MODE Button

3
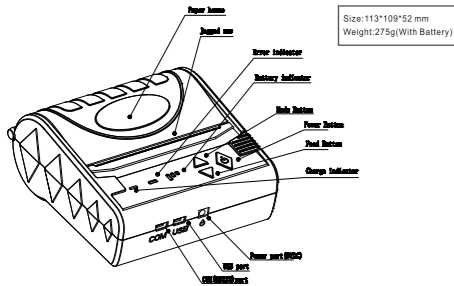
Size:113*109*52 mm
Weight:275g(With Battery)

Paper house
Jagged saw
Error indicator
Battery indicator
Mode Button
Power Button
Feed Button
Charge indicator
COM USB
Power port(9DC)
USB port
COM(RS232)port

2.Communication Interface

- 1、RS232(COM)：standard RS232 Communications Protocol
- 2、USB：standard USB Communications Protocol
- 3、Bluetooth 2.0: General Bluetooth2.0 Communication Protocol
  Two-mode Bluetooth: General Bluetooth2.0 / 4.0 Communication Protocol
- 4、WIFI: Standard 802.11b/g/n Protocol

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3.The installation of the paper roll

The printer use 80MM thermal paper, and adopt to easy paper loading. So the paper is very convenient install.
Paper diameter Max 40mm.
Thermal paper installation method is as follows:
（1） Open the printer top cover
（2） Thermal Paper as follow Graph to put into paper storehouse
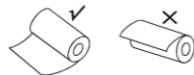
（3）Put out a little of the paper outside printer,then close the top cover.
（4）Use paper sawtooth tear off redundant paper
Button Operating Instructions

(Blue Light)	ERROR(Red Light)	CHARGE(Red Light / Blue Light)	Printer Status
OFF	OFF	OFF	Printer Close
Flash	OFF	OFF	Printer dormant
ON（Always）	OFF	OFF	Printer open and have paper
ON（Always）	Flash	OFF	Printer Open , without paper
		CHARGE(Red Light)	Charged with Battery
		CHARGE(Blue Light)	Full of Battery
Display 1 or 2 shelf			Low power of Battery
Hold down power for 3 seconds			Printer OPEN/OFF

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Under power on, the paper feeding begins when press 【FEED】 button	the printer paper feed
Power off the printer, then hold down the 【FEED】 button and press the power button at the same time. Wait 2 seconds ,then loosen the 【FEED】 button, the current setting will be printed out.	The printer Self test
Power off the printer, then hold down the 【FEED】 button and press the power button at the same time. Wait until the power indicator & 【ERROR】 led are both on, and then 【ERROR】 led goes off, then loosen the 【FEED】 button, the language setting status will be printed out.	Transformation in both English and Chinese
Power off the printer, then hold down the 【FEED】 button and press the power button at the same time. Wait until the power indicator & 【ERROR】 led are both on, and then 【ERROR】 led goes out, after, 【ERROR】 led goes on again ,then loosen the 【FEED】 button, the density setting status will be printed out. (It has three levels setting for printing density, it is a circle Low levelMiddle levelHigh levelLow level…, Please switch the density status by repeating operation presented above.)	Set printing density
Power off the printer, hold down the 【MODE】 button and press the power button at the same time. Wait until the power indicator & 【ERROR】 led are both on, and then 【ERROR】 led goes out, then loosen the 【MODE】 button. The printer turns into the hexadecimal printing mode and print the presentation.Way to quit hexadecimal printing : The way to quit hexadecimal printing mode is switch off the printer .	Hexadecimal printing

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4.Operating Manual for Android OS

Part 1 :

Find the app from the CD driver , Then follow the path："Android SDK---BLUETOOTHDEMO ----bin----BT-POSPrinter.APK " , and install it into your Android device.

Or scan the below QR code to download the Android app:
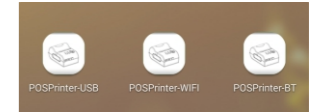
Download Password：1234
Android BT APP

Part 2 : Operation instructions
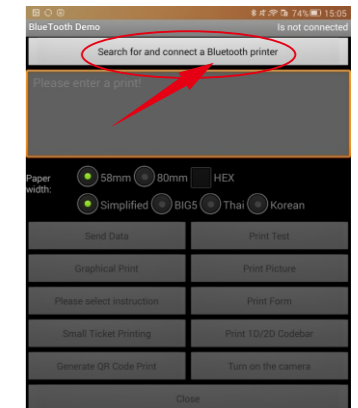
1.Open the Android APP
If you installed a Bluetooth demo, click "POSPrinter-BT"
If you installed a USB demo, click "POSPrinter-USB"
If you installed a demo of network port or WIFI, click "POSPrinter-WIFI"

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POSPrinter-USB   POSPrinter-WIFI   POSPrinter-BT

2. After opening the DEMO, you need to connect the printer.
When the port what you connected is Bluetooth
Click "Search and connect Bluetooth printer"

BlueTooth Demo   is not connected
Search for and connect a Bluetooth printer
Please enter a printi

Paper width: 58mm 80mm HEX
Simplified BIG5 Thai Korean

Send Data   Print Test
Graphical Print   Print Picture
Please select instruction   Print Form
Small Ticket Printing   Print 1D/2D Codebar
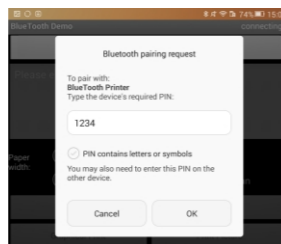Generate QR Code Print   Turn on the camera
close

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If you need to search for new printers again, click "Scanning Device" and select the printers you want to add.
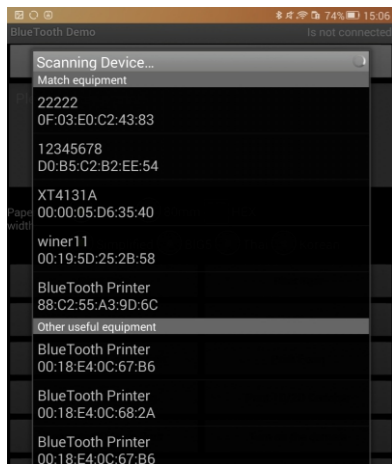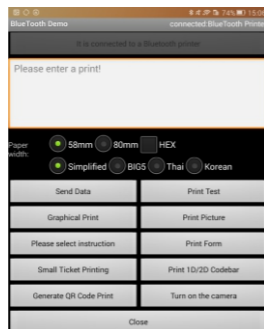

Enter the pairing code, the default is 1234 or 0000, click "OK".
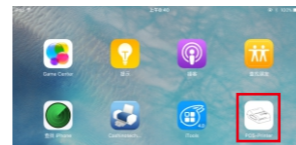
The connection is successful, as is shown:

5.Operating Manual for IOS APP

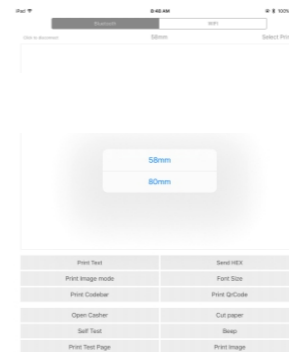1. Download the Test Tools "POS-PrinterV1.0" from App Store,as below:

（Image1）

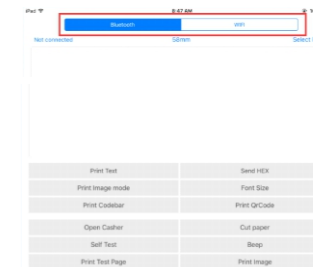2. Turn on the Bluetooth setting of IOS device , then click "POS-Printer":

（Image 2）

3. Into the App of "POS-Printer", select the paper width as below:
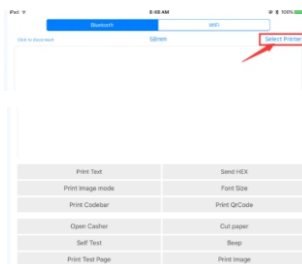
（Image 3）

4. Select the way of communication of printers, "Bluetooth" or "WIFI":

5, If connect with Bluetooth, then you can click " Select Printer" first, you will search the "Bluetooth Printer" (the default name of printer is Bluetooth Printer), click it to be connected.

6; If connect with WIFI, please make sure that your device WIFI is connected with printer (both of them in the same Network segment). And then click the " Connect", enter into the printer IP :

7, If above steps are successful, then you can print text to have a test:

8, Other features of this APP:
① Send HEX: In the text box, enter the hexadecimal data, click "Send HEX", then can send text box hexadecimal data to the printer.
② Print Image mode: input data in the text box, click "Print Image mode", you will be able to convert the contents of the text box into a image printed
③ Open Casher: If your printer is connected with the cash drawer, click " open casher", the drawer will be opened (portable printers without drawer interface, this feature does not work).
④ Cut paper: After click on it, the paper will be feed out and cut (portable printers, 58 series of printers without cutter, this feature does not work).
⑤ Self Test: Click the "self-test", the printer will print out a self-test page (because the Bluetooth printer has been connected to the device, then] the Bluetooth name or MAC address will be not displayed in the self-test page).
⑥ Beep: Click the "Beep", the printer will beep sound (portable printers, 58 series of printers without buzzer, this feature does not work).
⑦ Print test page: Click the "Print Test Page", the text will print a section of the test, to confirm that the printer is connected and normal print successfully.
9.The applicable version: can be compatible with IOS6.0 or above versions.

6.Cleaning of printer head

Cleaning of printer
When the printer has the following conditions, you should clean the printer head:
① The printer does not print clearly and the thermal paper is Ok.
② The printer Print pages lengthways is not clear
③ It's getting too noisy while feeding paper or printing.
Printer head cleaning steps are as follows:
1. Power off the printer and open the paper room cover. Remove the thermal paper roll.
2. If the printer just finished printing , please wait for the print head to cool down.
3. With a soft cotton cloth dipped in ethanol (please make sure there is no dripping), wipe the thermal printer head gently and remove any dust or stains.

4. Wait for the complete evaporation of any ethanol, then place the thermal paper roll back in the printer and close the paper room cover, then print a test page.
Notes :
● When the printer maintenance must ensure that the power is shut down
● Hands or other metal tools away from the surface of the printer head,do not use tweezers to scratch the surface of the printer head and other sensitive parts.
● Do not use gasoline,acetone and other organic solvents for printer head cleaning.

7.General Troubleshooting

1: Why serial port printer printing messy code?
A: Ensure the baud rate setting in the PC is same as the printer baud rate.
(we can see printer baud rate from self test page)
2: Self printing test is ok,but printer does not work after driver installation.
A: Recheck the installation according to above installation wizard and see if we selected the right port or ask service center for advice if needed.
3: Malfunction of paper feeding?
A: Use soft brush to clean the paper sensor and try again or send it to the service center for repair.
4. Malfunction of the indicator light
A: Check the cable connecting way / adapter / power cord / switch on or off?
Or contact the service center for repair.
5. Messy code printing except Arabic numeral printing.
A: language switching incorrectly, please use our tool "IPrinter" (you can find it on the enclosed CD) to change the language what you want print.
6. Red indicator keep flashing during the printing.
A: Usually it is due to the high temperature of the print head. If printing stopped,please contact the service center for repair.

7. Printing speed is very slow for serial printer
A: follow this path and change the set accordingly : Driver -- Properties -- Device Settings -- Print Mode -- Print as soft font.
8. Water or other liquid spills into the printer
A: Cut off the power,we can dry the main board or printer head with a hair dryer, careful of the temperature (average 50 degree is ok)
9. The printer can't work
A : The battery maybe without electricity, please use power adapter to charge. Then you try to star the printer, if the printer has same problem, please send to service center for repair.
10. Can not search the Bluetooth printer
A : Please check the equipment "Bluetooth" function whether opened, the communication whether normal, then replug the printer "Bluetooth Module" try to connect and search "Bluetooth" again, if the problom are still existed, please send the specified location repair.