























Attentions:

- The printer should be away from the water and avoid the sunlight, glare and heat source direct exposure. Avoid any liquid, dust and metal objects into the interior of the printer.
- 2. The high environment temperature (>45°C) or the low temperature(<5°C) will reduce the print quality. The high humidity (>85%RH) or the low humidity (<20%RH) will reduce the print quality.
- Don't open the cover of paper bin in printing process.
- To Louis you was covered to paper on in primary process.

 Sump you wastly or storage to only interprit paper will reduce the print quality, even derings the give or storage to only interprit paper will reduce the print page. If there is did not to the print back on cotton reach you wastly to the print back of one the print back of not being worm.

 To but house the print back does detailed effectly in order to avoid demaging the print back does not state in destroy.

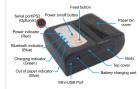
 Don't south or booth the print head swith a handened object to avoid damaging the print beat backens of static electroy.
- 8. Please try to use up the battery before charging, which can effectively protect the battery life.
- Preses using the power supply attached to the product, or else, it maybe damage the printer or cause the charging time to extend.

 10. In the course of any accident, please disconnect the printer power supply, and remove the printer battery immediately.
- If user disassemble the printer, the company has the right to refuse warranty on the product.

Storage precautions:

- If not to use the printer for a long time, please be sure to remove the battery from printer, and disconnect the charger's power supply.
- The storage time of printing content is short using the ordinary thermal printing paper. If you want to print the long-term preservation, please select the long-term thermal printing paper.
- The thermal printing paper should not be stored in high temperature, humidity environment, or direct sunlight. If its package has been opened, please place it in the dark place.

1. Product introduction





2. Functions and features

Items		Parameters	
Printing meth		Thermal dot line printing	
Printing parameters	Resolution	203DPI, Bdots/mm	
	Printing width	48mm (384 dots)	
	Printing speed	80mm/s	
Communication	Wired	Standard: Mini-USB port, Optional: Serial port (PS/2)	
	Wireless	Optional: 2.0 Blustooth/SPP(for Andriod), 4.0 Blustooth/BLE)for iOS	
Command sets	- 7	ESC/POS Command sets	
Storage	RAM	4KIS for receive buffer	
	FLASH	FLASH: 4MB, NV BWP FLASH: 64KB	
	Chinese	GB18030 24+24	
Cheracters	Dieachs and Space	ASCII 9×17,12×24	
	User defined	Support	
	Linguage(cota page)	Support simplified & traditional Chinese, English and other 45 kinds of international change	
Tables	- /	Support data printing with different densities	
		Support reader biltrap print	
		Support to download the bitmap print, the maximum size of each bitmap more than 64K, the total size of the download bitmap is 64K.	
Barcode	10	UPC-A, UPC-E, EAN-R, EAN-R, CODESK, FF, CODESKA, CODE-SR, CODESK.	
	2D	GR Code	
Detection	Serect	Out of paper	
Indicators	LED	Power(red), Battery charging)Green), Bluetooth and Out of paper)	
	Type	Standard thermal receipt paper	
	Width	57.510.5em	
Printing Paper	Thickness	0.056-0.1mm	
1 mpus	Extensel diameter	40mm(Max)	
	Paper loading	Easy paper loading structure	
Physical features	Paper tore	Manual	
	Operating environment	Temperature: -10°C ~ 50°C, Humidity: 25% ~ 80%RH	
	Storage	Temperature: -40°C ~ 70°C, Humidity: s93%/f64(40°C)	
	Size	103.1mm×75.7mm×46.7mm(L+W+H)	
	Weight	210g (Printer & Bettery)	
Reliability	Printhead	150Km	
	Motor	390,000 hours	
Softwares	Drivers	Windows (WINE/WINT/Wests/XP/2000)	
		UBUNTU 12:04 32/64, UBUNTU 14:04 32/64	
	Aco	Printer setting tools	
Power Supplyt	Battery	Rechargeable Li-ion Battery, 7.4V, 1500mAh	
	Charper	Travel 100-240VMC/0.5A.50/90Hz; Outsur: 12VDC/1A	

3. Basic operation

- 3.1 Power on the printer
 In power off status, press down the "Power on/off" button and hold on 2 seconds, then the printer will beeps once and into working status, the power indicator light (red.) Noted: If the "charging indicator (green)" of printer flashing, indicating that the battlery power of the printer has been less than 20%, please charge it in time.
- 3.2 Power off the printer
 In power on status, press down the "Power on/off" button and hold on 2 seconds, the printer will beeps twice then power off, and all the indicators will go out.

- 3.3 Print self-test page
 After the user gets the printer, the printer can be self-test to detect the current settings and working status.
- woungs and working status.

 When the printer is power off and the print paper is loaded correctly, press down the "Power on off" button and "Feed" button simultaneously, after hearing a beep sound, release the two buttons, the printer will print a self-test page.

3.4 Feed paper(manual) In the normal working status, press the "Feed" button, the printer will feed paper.

- 3.5 Battery charging
 After using a period of firms, the printer's battery power will be consumed, when the printer's green indicated light flashing slowly, indicating that the uses a charger for battery charging which output 12vDC/1A. Full charge takes about 4 hours.
- takes about 4 hours.

 The battery charging method:
 Insert the AC input plug of the charger into the AC power socket(100200/WC, 50000t); and insert the output plug into the power input socket
 200/WC, 50000t); and insert the output plug into the power input socket
 When the battery power is sufficient or the battery is fully charged, the
 green indicator light goes out.

3.6 Paper loading method

Open the cover of paper bin, draw out the head of paper roll, and put it into the paper bin in the direction shown below.



4. Communication connection

4. Communication connection
4.1. By Bluetooth
This series of printers can be equipped with Bluetooth 2.0 (SPP) or Bluetooth 2.0 (SPP).
This series of printers can be equipped with Bluetooth 2.0 can support and Bluetooth 4.0 can support the communication with the mobile terminal series of the April of Series (Series Series Connection conn

4.2 By USB port

4.2 By USB port
before using the USB port to printing communication, you need to use the
USB calls to connect the printer and PCL.

The USB port can be set in visual sensity pair of "print port" modes. Usually,
The USB port can be set in visual sensity and feeling. Use the visual series
port mode need it.

The USB port working mode selecting method: (I) Power of the printer
and load paper connectly— (I) Prinse down the "Provise control" foution and
set paper printing. I oil Presid south in "Freed Edution for 2 decode
again to complete the sevilent operation (at the bottom of the "self-lesst
paging" will have an corresponding description.

5. Accessories

Appendix:

The instructions of indicate light and buzzer signal

Indicator light	Indicator status	Printer status
	ON	Power on status
Power indicator (Red)	OFF	Power off status
	Flash	Standby status
Bluetooth indicator	OFF	Bluetooth disconnected
(Blue)	ON	Bluetooth connected
Out of paper indicator	ON	Out of paper
(Blue)	OFF	Enough paper
	Flash (Power on status)	Charging
Battery charging indicator (Green)	ON (Power off status)	Charging
	OFF	Battery power is full
Operation	Printer's action	Buzzer's action
Long press "Power on/off" button in the power off status	Power on	Beep 1 sound

Power off

Feeding paper

Beep 2 sound

Beep 1 sound

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