

# P10 thermal printer

## 1.Functions

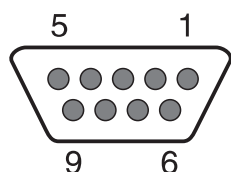
- \*Can cooperated with Cash Registers, bill counters , queue system machine , POS and so on.
- \*High speed ,low voice.
- \*Optional baud rate.
- \*Optional Communicating ports: RS485,RS232, UART(TTL), USB20.

## 2.Parts list

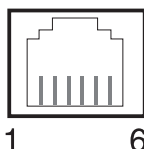


## 3. ports descriptions

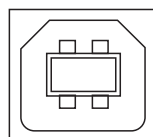
Available ports : DB9、RJ11、 USB\_B, base on the requirement from customer.



RS-232 ( DB9 )



RJ11[RS485、 (TTL)]



USB\_B

## 4. Specifications:

Printer: thermal    Printing width:58 mm    Printing speed :90mm/s    Printing distance:  $\geq 50$  km  
Manual cutting the paper.    Baud rate:9600、19200、38400 、57600  
Communicating ports :RS-232(DB9)、RJ11、 USB\_B  
Net weight: 0.84kg    Gross weight:1.43kg    Power supply: DC 8V 3A    Power consuming:  $\leq 25$ W

## 5. Setting

### \*Testing mode:

Press “Paperfeed” key after put the paper , than turn on the printer , the printer will print a testing page .

### \*Time mode:

Press “online” key after put the paper , than turn on the printer , the customer display will show “-----”, it's time model.

Press “online ” key , recycle from : year(2bits), month(2bits), day(2bits),hour(2bits), minute (2bits) and save. Press “paperfeed ” for adding the number , for example : Set the Month ,6 . step 1, press “online ” turn on , when display show “----”, press “online ” again, then press “paperfeed” increase the number to “6”, than press “online ” to the final bit to save .

If you do not need save the data , turn off the machine directly.key description

“ online” key : “online ” indicating light , when pressed , the indicating light is on the machine can receiving and printing the data, if not on the machine can not receive the data .

“ paperfeed ”key : this key can feed paper .

## \*Indicating light:

“paperfeed” key can used as error indicating light.

When there have problem of feeding paper the light will shining :

Shining 2 times : do not recognize a printer.

Shining 3 times :short of paper.

Shining 5 times: the printing head is too hot

Shining 10times: do not recognize the IC for Chinese.

## \*Set the baud rate and chroma of ink

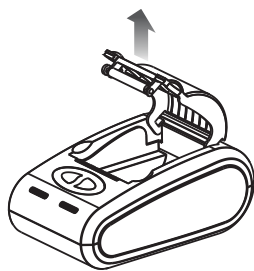
Press “online” key , turn on the machine , then press “online” key about 3 minutes until the Customer display show some numbers , then you can enter to the setting .

Press ”online” key switch from baud rate and chroma of ink setting ;

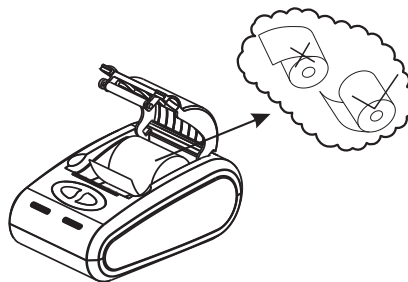
Press “paperfeed” you can check the numbers you need to set for baud rate and chroma of ink , baud rate can be : 9600, 19200, 38400,57600; chroma can be :H1 to H8.

After setting reset the machine , the setting informations will be saved .

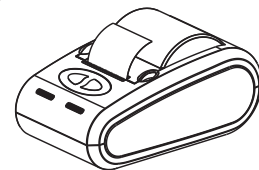
## 6. install the paper



1、pull the cover as the arrowhead show;



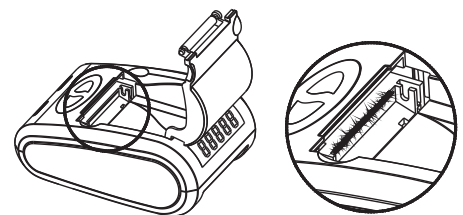
2、place the paper



3、leave some paper out and close the cover.

## 7. Trouble shorting

- ①.when the voice of the printer is abnormal or paper feeding abnormally , you should stop printing immediately and place the paper in the normal position.
- ②.if there have empty blank in the receipt, the printing head should be damaged ,you should replace the printing head.
- ③.if the receipt is blurry, you should clean the dirty on the printing head, power off and clean the printing head by cotton with alcohol. as the right picture.



## 8.Maintains

- ①.power off when you connect or disconnect the communicating lines .
- ②.Please clean the eyewinker on the printing head in time ;
- ③.Don't keeping printing paper when no paper feeding .