

Printer Mechanism

2 Inch
PT481S

WORLD'S BEST PRODUCT

- ▶ Seiko LTP1245 compatible
- ▶ Optional knob
- ▶ 90° paper feeding and 180° paper feeding (optional)



Features



1. Low voltage supply

The voltage used to drive the thermal printer head is equal to the logic voltage, or is driven by a 5 V single power line, the range of operating voltage is 4.2V-8.5V, so four to six NI-Cd batteries or Ni-MH batteries can also be used. Two li-ion batteries can be used.

2. Compact and lightweight design

The mechanism is compact and light, dimensions: 81.95mm (width) * 39.5mm (depth) * 16.0mm (height)

3. Printing with high resolution

A high-density printer head of 8 dots/mm make the printing clear and precise

4. High speed printing

According to driving power and sensitivity of thermal paper, set different printing speed required. Printing speed is 70 mm/s (max.)

5. Easy paper loading

Detachable rubber roller structure makes the paper loading easier

6. Low noise

Thermal line dot printing is used to guarantee low noise printing.

Specifications

Printing method	thermal dot line printing	Power Supply	Printer Head	4.2V~8.5V, Average 1.8A (5V), 2.6A (7.2V), 2.8A (8.0V), max 2.1A (5V), 3.0A (7.2V), 3.3A (8.0V)
Paper feeding direction	90°/180°		Stepper motor	4.2~8.5V, 0.46A(max)
Dot structure	384 dots/line		Logic voltage	2.7~5.25V, 0.01A(max)
Dot pitch	8 dots/mm	Electric life	more than 110,000,000 pulses (printing rate=12.5%)	
Printing speed	25mm/s(5.0V)	Wear life	more than 50km	
	56.25mm/s (7.2V)		Ambient condition	
	70mm/s (8.5V)		Operating temperature	0°C~50°C
Printing width	48mm	Operating humidity	20~85% RH	
Paper width	58mm	Storage temperature	-25° C~70° C	
Paper thickness	60~100 μ m	Storage humidity	5~90% RH	
Paper loading method	hand paper loading	Detection		
Character size	12 x 24, 32 characters/line	TPH temperature	thermistor	
	24 x 24, 16 characters/line	Paper end / black mark	photo interrupter	
	8 x 16, 48 characters/line	Dimensions (W×D×H)	81.95 x 39.5 x 16mm	
	16 x 16, 24 characters/line	Weight	55g	

Applications

- ECR/financial POS
- Weighing scale
- Fire controller
- Medical devices
- Measuring device

