

# Printer Mechanism

2 Inch  
PT487F

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## WORLD'S BEST PRODUCT

- ▶ FujitsuPT628MCL 701/103 compatible
- ▶ Compact and exquisite design
- ▶ Easy paper loading
- ▶ Printing speed: 70mm/s
- ▶ 90° paper feeding



## 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: 67.3mm (width) \* 31.5mm (depth) \* 18.5mm (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 80 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	
Feed direction	90°	
Dot structure	384 dots/line	
Dot pitch	8dots/mm	
Printing speed	80mm/s (8.5V)	
Printing width	48mm	
Paper width	58mm	
Paper thickness	60~100 $\mu$ m	
Paper loading method	easy paper loading	
Character size	12 x 24, 32 characters/line	
	24 x 24, 16 characters/line	
	8 x 16, 48 characters/line	
	16 x 16, 24 characters/line	
Power Supply	Printer Head	4.2V~ 8.5V, 0.87A(Average)
	Stepper motor	4.2V~ 8.5V, 1A (max)
	Logic voltage	3.0V~ 5.5V, 0.1A (max)
Dimensions (W×D×H)	67.3 x 31.5 x 18.5 mm	
Weight	41g	
Electric life	more than 110,000,000 pulses (printing rate=12.5%)	
Wear life	more than 50km	
Ambient condition		
Operating temperature	0°C~50°C	
Operating humidity	20~85% RH	
Storage temperature	-20° C~60° C	
Storage humidity	5~90% RH	
Sensor		
TPH temperature	thermistor	
Paper end / black mark	photo interrupter	

## Applications

- Cash register
- Tachograph
- Hand-held terminals
- ECR/financial POS
- Weighing scale
- Fire controller
- Medical devices
- Taximeter
- Measuring device

