

Tyso PRP-080II is a High Speed Thermal Receipt Printer suitable for Point-of-Sale, Lottery receipt printing, and other slip-printing applications. The PRP-080II featuring drop-in paper loading, interchangeable interface card. It is shipped with the Windows Software Driver and the default command mode is fully compatible with the ESC/POS command sets such as logo image downloading and check-printer-status. The PRP-080II is equipped with the most reliable and durable SEIKO cutter and print head mechanism that can withstand for 100 Km of printing and 1.5 million cuts! It is an affordable receipt printer designed for all your applications that requires faster and high-reliability printing.

PRP-080II Thermal Receipt Printer is available in default black or white color body with semi-transparent dark green top cover - other customized colors are also available upon OEM requests. This new version also supports various of languages such as Arabic, Chinese, Japanese, Korean, Hebrew, Pan-European languages, and etc... as its built-in native font. We are looking for worldwide distributors, and we welcome your OEM orders!

PRP-080II



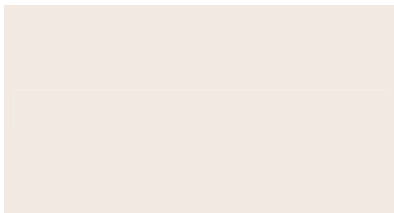
Applications

- ✓ Retail / POS Applications
- ✓ Accounting Applications
- ✓ Kitchen Printer
- ✓ Lottery Printing
- ✓ Electronic Scale
- ✓ Slip Printing for Office

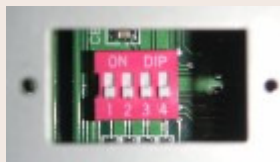
Advanced Commands Supported!

- 1 Image (Logo) Uploading
- 2 Check Printer Status
- 3 Buzzer Equipped

And More ...



Durable and Reliable Seiko Printer Head & Cutter Assembly



Hardware Configuration by Dip-Switch

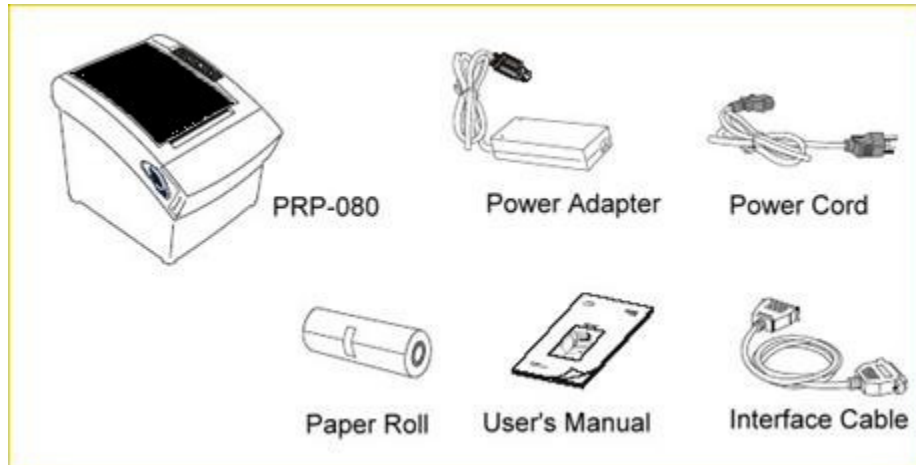


Interchangeable Serial or Parallel Interface and RJ-11 Cash Drawer Port



Shipped With Windows Driver

:: Unpacking



:: Features and Benefits

- User friendly, easy to install paper roll
- Maximum label width: 79.5mm
- Effective print width: 72mm
- Print speed: 160mm-220mm/sec.
- Print density: 576 dots/line
- Print head life: 100km
- Halt-on protect function for over heat
- Optional serial or parallel port
- Cash drawer connection port
- ESC/POS print commands fully compatible
- Native fonts in multi-languages

:: Product Specifications

Printing Specifications

Printing method:	Thermal line printing
Dot density:	203 dpi?/span>203 dpi.

Printing direction:	Unidirectional with friction feed
Printing width:	72 mm (2.83"), 576 dot positions
Characters per line (default):	Font A: 48, English Font B: 24, Chinese
Character spacing (default):	Font A: 0.25 mm (.01") (2 dots)
High speed printing mode:	160 mm/second, maximum (at 24V, 20C (68F) , Density level 2. Speeds are switched automatically depending on the voltage applied to the printer and head temperature conditions.)

Auto Cutter

Partial cut	Cutting with one point left uncut
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Paper Roll Supply Device

Supply method:	Drop-in paper roll
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Paper Specification

Paper type:	Specified thermal paper
Form:	Paper roll
Paper width:	79.5 ±0.5 mm (3.13" ±0.02")
Paper roll size:	Roll diameter: Maximum 83 mm
Paper roll spool diameter	Inside: 12 mm (.47") Outside: 18 mm (.71")

Internal Buffer

- Receive buffer useable 20K bytes
- User-defined buffer (both for user-defined characters and user-defined bit images): 12K bytes

Electrical Characteristics

Supply voltage:	+24 VDC 8% (optional power supply)
Current consumption (at 24V)	High speed mode: Mean: Approximately 1.8A (Character font A -N, capital letters, 36-character rolling pattern, 42 columns printing) Peak: Approximately 8A

Low power consumption mode:
Mean: Approximately 1.2A
Peak: Approximately 6.6 A Standby:
Mean: Approximately 0.2A
NOTE: Maximum 1A for drawer kick-out driving

Receipt Printer Reliability

Life Span:	Mechanism: 15,000,000 lines Thermal head: 100 million pulses, 100 Km Auto cutter: 1,500,000 cuts (End of life span is defined to have reached the end of its life when it reaches the beginning of the Wear out Period.)
MTBF:	360,000 hours (Failure is defined as Random Failure occurring at the time of the Random Failure Period.)
MCBF:	52,000,000 lines (This is an average failure interval based on failures relating to wear out and random failures up to the life of 15 million lines.)

Environmental Conditions

Temperature	Operating: 5 to 45°C (41 to 113°F) Storage: -10 to 50°C (14 to 122°F) (except paper)
Humidity:	Operating: 10 to 90% RH Storage: 10 to 90% RH (except for paper)
Acoustic noise (Operating):	When using auto cutter Approximately 50 dB (Bystander position) When not using auto cutter: Approximately 40 dB (Bystander position)