SP298 Dot Matrix Slip Printer

The SP298 is a serial dot matrix impact slip printer. Ideal for check validation, check franking, restaurant hard check and document printing, the SP298 has been designed to fill a strong requirement from existing markets and customers. Unlike many existing slip printers, the Star Micronics SP298 slip printer is designed for user friendly operation.

It features AutoSide Loading™, making document loading quick, easy, and reliable. The SP298 employs a 9-pin serial impact print head, top and bottom form sensors, easy ribbon loading and stepping motor paper feed for reliable paper handling and graphics. OPOS Drivers available.

Features:

- **Serial impact dot matrix printer**
  Printing on pre-printed and non-pre-printed forms is ideal. Using impact technology, multi-part printing is possible (original+2 copies).
- **Automatic top of form alignment**
  Upon paper insertion, top of form is automatically detected.
- **Graphics capable printing**
  Since the printer is equipped with a 9-pin head and a stepping motor for paper-feeding, it is capable of versatile printing, such as graphic printing, reversion of white and black, and page-revolving printing.
- **AutoSide Loading™**

The printer features paper AutoSide Loading™ making document loading quick, easy and reliable. The user can simply introduce a form into the side of the station and the printer performs automatic document clamping, instant top of form alignment, fast printing and selectable forward or reverse document eject.

- **Command compatibility**
  The Printer emulates the EPSON TM-295 command set. The TM-295 emulation is based on ESC/POS.
- **Check Printing (Page mode)**
  Printing onto laterally-long forms, in edition to vertically-long ones, is possible by regarding a check as one page and conducting 0 °, 90 °, 180 °, and 270 ° rotation of each page (Page mode). In the Star mode, checks are printed quickly, due to bi-directional printing mode.
- **Dual cash drawer driver**
  The printer is equipped with 2 circuits to drive external devices, such as a cash drawer.
- **External power supply (Optional)**
  A switching-type universal power supply is available.

Specifications

Print Method (head)		9-Pin Serial impact matrix
Print Direction		Bi-directional
Print Speed		3.1 lines/sec
Print	Font	7 x 9 (Half)/ 5 x 9
	Number of Columns	42 (16.9 CPI)/35 (14.1 CPI)
	Character Size (mm)	1.2 (W) x 2.42 (H)/1.51 (W) x 2.42 (H)
	Print Position	5.1 mm from Right 20 mm from Top 14 mm from Bottom
	Copy	Original + 2 copies
Paper	Size (mm)	80 (W) x 80 (L) - 182 (W) x 257 (L)
	Paper Thickness	0.09 to 0.2 mm (max 0.2 mm for one ply paper)
	Paper Binding	Top Left Side

Ink ribbon	Ribbon Type	Ribbon Cassette
	Ribbon Life	Purple: 2.2 million characters Black: 1.2 Million characters
Interface		RS232C (D-sub25), Bi-directional Parallel
Buffer		512 or 35 bytes
Power Supply		24 VDC
Operating Conditions		5° C-40° C, 10%-80% RH
Storage Conditions		20°C-80° C, 5%-90% RH
Reliability	MCBF	9 million lines (CRT)
	Print Head	70 Million Characters
Dimensions (mm)		180 (W) x 190 (D) x 138 (H)