Dot Matrix Printer
SP700

Advanced, High Speed Clamshell™ Receipt Printers

The SP700 is one of the fastest matrix receipt printers on the market today with improved hardware design as well as sophisticated software features for a truly advanced printing solution whatever the application.

Series Product Range

SP712   Tear Bar Printer

SP712R Tear Bar Re-wind Version

SP742   Auto cutter Printer

SP742R   Auto Re-wind Version

Advantages

• High Speed, 9-pin high quality printer capable of producing 13 x 20 line receipts per minute (4.7 – 8.9 lps)

• Clamshell™ design - "Drop-In & Print", easy paper loading. Literally drop a roll of paper into the printer, close the lid and the paper is loaded!

• New splash resistant design with easy-clean curves for robust kitchen / bar use

• Two colour output for emphasis purposes

• User friendly features such as easy access for ribbon changing, cover open sensors and a paper veiwing window

• Compact footprint in either horizontal or vertical mode

• Internal power supply with universal cable, included at purchase

• New longer life ribbon design featuring a 3 million character black ribbon and a longer life red / black version

• Featuring well-known Star reliability and support with an MCBF of 22 million lines

• Easy Installation with Star Installation Wizard and incorporating FuturePRNT™ software features for simple graphics and coupon management

• Options - Buzzer, wall mount / vertical use kit

Typical Applications

- Receipt Printer

  for POS systems that require reliability

  and speed

- Hospitality

  Splash resistant cover. Buzzer alarm and

  wall mount option

Results obtained printing 80mm wide x 150mm long receipt with Microsoft Window XP™ on Pentium PC with CPU 1996MHz with 512MB RAM

All available in Star White or Charcoal Grey with Serial / Parallel / USB (WHQL certified) or no Interface

Compatibility with most major operating systems

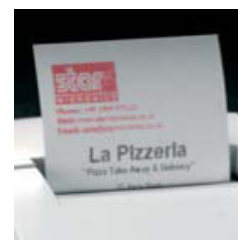"Drop-In & Print" paper loading with improved Splash Proof Design

Vertical position with compact footprint

NEW Star SP700 Rewind Version

Easy maintenance and use

Two Colour, High Quality Graphics Print

Specifications

Print Method	9 Pin Serial Impact Dot Matrix
Printer Versions	
SP712	Tear Bar Mono and Red / Black Model
SP742	Auto cutter Mono and Red / Black Model (full or partial cut)
SP712 / 742 with rewind	Tear Bar and Auto cutter Rewind Models
Interface Versions	RS232 / Parallel / USB 2.0 / Without Interface
Interface Options	Ethernet / WiFi
Print Speed	Capable of printing 13 x 20 line receipts per minute from 4.7 to 8.9 lps depending on number of columns
Paper Feed Speed	Approx. 5.6 inches per second (@ continuous feed)
Print Direction	Bi-directional, Logic Seeking
Print Font	
Character Matrix	7 x 9 (Half dot) / 5 x 9
Column capacity	42 / 35
Character Size (mm)	1.2 (W) x 2.42 (H) / 1.5 (W) x 2.42 (H)
Character Set	95 Alphanumeric, 32 International
Code Pages	40
Character Per Inch (CPI)	16.9 / 14.1
Paper Loading	Drop-In and Print, Easy Load with see-through cover

Paper Handling	
Width with guide included	76mm (default), 69.5mm, 58mm (± 0.5) x 85mm roll diameter
Thickness 1 ply	0.06 ~ 0.085mm
Copy Capability 2 ply	Original + 1, 0.05 ~ 0.08 / piece, total less 0.14
Copy Capability 3 ply	Original + 2, 0.05 ~ 0.08 / piece, total less 0.20
Wall Mount Facility	Available on all models (up to 2 part paper)
Paper Sensors	Paper End (Near End Sensor option – factory fit)
Ribbon Life	
RC700B	3 million characters
RC700BR	Black 1.5 million characters / Red 0.75 million characters
RC700D	Laundry Ribbon
Data Buffer	8 Kbyte
Program ROM	Flash Memory (16Mbit), NV bit image 256 Kbyte
Emulation	Star Mode and ESC/POS™
Power Supply	INTERNAL Power Supply with power cable included
D.K.D. Function	2 Drivers
Reliability	MCBF 22 Million Lines
Overall Dimensions	160 (W) x 245 (D) x 152 (H) mm 164 (W) x 245 (D) x 152 (H) mm (rewind versions)
Weight	SP712: 2.96Kg, SP742: 3.18Kg, SP712R: 3.43Kg, SP742R: 3.65Kg
EMI Standard	VCCI Class A, FCC Class A, CE
Safety Standard	UL, C-UL, TÜV, CB, EN60950
Options	Buzzer, Wall mount / vertical use kit