

Star® SP512/SP542/SP700

Dot Matrix Printers



Standard Features

- Spill-proof cover
- Single-color highlights
- Power switch cover
- Internal universal power supply
- Serial interface
- Star & ESC/POS emulation
- Black mark sensor
- More than 4 lines per second print speed
- Auto cutter and tear bar versions
- Prints multiple copies (original and two copies)
- High reliability
- Prints graphics

SP700

- Clamshell design for easypaper loading
- Embedded power supply
- 2-color, high-quality graphics print (with 2 color paper)
- Spill-proof & heat-resistant
- Swappable interfaces available
- Wall mount
- External buzzer option

Specifications SP512/SP542

PRINT METHOD:

9-pin impact dot matrix

PRINT SPEED:

4 lines per second @ 40 columns
8 lines per second @ 16 columns

NUMBER OF COLUMNS:

42 @ 16.9 cpi

PAPER WIDTH:

2.25"/3" (selectable)

PAPER THICKNESS:

.002"–.003" (0.07–0.10 mm)

COPY CAPABILITIES:

Copies: original and two copies, max.
.007" (.20 mm)

ROLL DIAMETER:

3.34" (85 mm)

PAPER ROLL CORE:

.47" (12 mm) ID, .70" (18 mm) OD

PAPER LOADING:

Semi-automatic

PAPER SENSORS:

Paper out

CUTTER RELIABILITY:

0.5 million cuts

PRINTER RELIABILITY:

70 million characters

AUTO CUTTER:

SP542: full and partial cut
(software controlled)

INTERFACE:

RS-232 serial

BAUD RATES:

4,800, 9,600, 19,200, 38,400

DRIVERS:

Windows® 9x/NT/2000, OPOS,
JavaPOS™

EMULATION:

Star Mode, ESC/POS™

CASH DRAWER:

2 drivers, 1 compulsion switch

POWER REQUIRED:

100 to 240 VAC, 50/60 Hz

OVERALL DIMENSIONS:

5.51" W x 8.85" D x 6.41" H
(140 mm W x 225 mm)

STORAGE TEMPERATURE:

10% to 90% RH

OPERATING TEMPERATURE:

3°F to 104°F (0°C to 40°C)

APPROVALS:

UL & C-UL listed, TUV

WARRANTY:

Three-year limited warranty on parts

Windows is a registered trademark of Microsoft Corporation

Specifications SP700

PRINT METHOD:

9-pin impact dot matrix

PRINT SPEED:

13 RPM

PAPER WIDTH:

70 & 58 mm (with paper guide)

EMULATION:

Star mode, ESC/POS

POWER:

110 to 230 VAC

MCFB:

22 million lines

CUTTER:

1 million cuts

DIMENSIONS:

W=160mm, H=152, D=245mm

CONNECTIVITY:

9-pin serial, 25-pin serial, parallel,
USB, ethernet, Wifi

DRIVERS:

2000 XP (L), XP embedded (L), VISTA
(G) (32-and 64-bit)

WARRANTY:

3-year limited warranty

PART #	DESCRIPTION	EST. SHIP WEIGHT	PRICE
77167	SP512 dot matrix printer, w/tear bar, RS-232 serial interface	5 lb	\$325.00
85911	SP512 dot matrix printer w/tear bar, parallel interface	5 lb	325.00
77168	SP542 dot matrix printer, w/auto cutter, RS-232 serial interface	5 lb	400.00
103141	SP712 RS232, tear bar		350.00
103142	SP742 RS232, cutter		490.00
<i>Consult factory for models with a parallel interface.</i>			
Options/Accessories			
69921	Ink ribbon (purple) SP500, SP2000, SP200, series		10.00
69916	One-ply paper roll, 3" W x 3" Dia.		5.00
69915	Two-ply paper roll, 3" W x 3" Dia.		7.00
72471	Programmers CD-ROM (includes utility programs and manuals)		11.00
Cables			
15547	Blunt end, 25-pin D-sub male RS-232 serial interface cable		52.00
15568	25-pin D-sub male to 25-pin D-sub male RS-232 serial interface cable		52.00
72440	25-pin to 9-pin D-sub female cable		52.00
79074	USB cable		19.00