Star® SP512/SP542/SP712/SP742
Dot Matrix Printers

Standard Features

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

SP712 Only

- Clamshell design for easy paper loading
- Spill-proof and heat-resistant
- Swappable interfaces available
- Wall mount (option)
- External buzzer option

Specifications SP712/SP742

Print Method:
Nine-pin impact dot matrix

Print Speed:
13 RPM

Paper Width:
70 mm and 58 mm (with paper guide)

Emulation:
Star mode, ESC/POS

Power:
110 to 230 VAC

MCBF:
22 million lines

Cutter:
1 million cuts

Dimensions:
(W x H x D): 160 x 152 x 245 mm

Connectivity:
Nine-pin serial, 25-pin serial, parallel, USB, Ethernet, Wi-Fi

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

Warranty:
Three-year limited warranty

APPROVALS

Specifications SP512/SP542

Print Method:
Nine-pin impact dot matrix

Print Speed:
Four lines per second at 40 columns
Eight lines per second at 16 columns

Number Of Columns:
42 at 16.9 cpi

Paper Width:
2.25 in/3 in (selectable)

Paper Thickness:
0.002 in to 0.003 in (0.07 mm to 0.10 mm)

Copy Capabilities:
Copies: original and 2 copies, maximum 0.007 in (0.20 mm)

Roll Diameter:
3.34 in (85 mm)

Paper Roll Core:
0.47 in (12 mm) ID, 0.70 in (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:
4800, 9600, 19200, 38400

Drivers:
Windows® 9x/NT/2000, OPOS, JavaPOS™

Emulation:
Star Mode, ESC/POS™

Drawer Kickout Device Funciton:
Two drivers

Power Required:
100 to 240 VAC, 50/60 Hz

Overall Dimensions:
(W x D x H): 5.51 x 8.85 x 6.41 in (140 x 225 x 163 mm)

Storage Temperature:
10 to 90% RH

Operating Temperature:
3° F to 104° F (0° C to 40° C)

Approvals:
UL and C-UL listed, TUV

Warranty:
Three-year limited warranty on parts
One-year limited warranty on print head and cutter

Part Number/Price

Part #	Description	Est. Weight	Price
77167	SP512 dot matrix tape printer, with tear bar, RS-232 serial interface	5 lb	$325.00
85911	SP512 dot matrix tape printer with tear bar, parallel interface	5 lb	$325.00
77168	SP542 dot matrix tape printer, with auto cutter, RS-232 serial interface	5 lb	$400.00
103141	SP712 RS-232 tape printer, tear bar	9 lb	$350.00
155825	SP712 RS-232 tape printer, tear bar, journal	9 lb	$425.00
164392	SP712, USB tape printer, tear bar	9 lb	$390.00
103142	SP742 RS-232 tape printer, cutter	9 lb	$490.00

Consult factory for models with a parallel interface.

Options/Accessories

Part #	Description	Price
69921	Ink ribbon (purple) SP500, SP2000, SP200, series	$12.00
103728	Ink ribbon (black), SP700 Series	$12.00
69916	One-ply paper roll, (W x D) 3 x 3 in, 150 ft roll, Bond, 3 in OD	$5.00
69915	Two-ply paper roll, (W x D) 3 x 3 in white/canary yellow, 90 ft roll, 3 in OD	$7.00
72471	Programmers CD-ROM (includes utility programs and manuals)	$11.00
121331	Wall mount bracket, SP700 Series	$30.00
Cables		
15547	Blunt end, 25-pin D-sub male RS-232 serial interface cable (Rice Lake indicators)	$65.00
15568	25-pin D-sub male to 25-pin D-sub male RS-232 serial interface cable	$65.00
72440	25-pin to nine-pin D-sub female cable	$65.00
79074	USB cable	$30.00

www.ricelake.com | Phone: 800-472-6703

RICE LAKE

913