Star® SP512/SP542/SP700 Dot Matrix Printers

Approvals

c UL us
LISTED

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

MCBF:
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:
Three-year limited warranty

Star