

The New SP500 Series offers unrivalled performance at a price unmatched by probably any other manufacturer. This highly reliable, high speed printer has been specifically designed for the retail, hospitality and ticketing environments.

SP512 Tear Bar Printer
SP542 Autocutter Printer
UP542 Kiosk Version

Serial or Parallel versions with Star White or Charcoal Grey Packaging available.

- High speed, logic seeking, 9-pin quality matrix printer
- Competitively priced with unmatched feature per cost ratio
- “Drop-In & Insert” paper loading facility
- High quality graphics at up to 7.5 lines per second
- Adjustable 58 or 76mm paper widths
- Quality ticket output on media up to 0.10mm with 6 position Black Mark Sensor
- Spill proof design for bar / kitchen environments with cable and power switch cover
- Space saving vertical or horizontal operation
- Wall mount option
- Internal universal power supply
- Journal / Rewind option (must be fitted by supplier)
- Low cost, single colour font highlight facility
- High reliability 22 million lines MCBF



Star Micronics Europe, Star House,
 Peregrine Business Park, Gomm Road,
 High Wycombe, Bucks HP13 7DL, UK
 Tel: +44 (0) 1494 471111
 Fax: +44 (0) 1494 473333
 Email: sales@starmicronicseurope.com

SP500 SERIES SPECIFICATIONS		star MICRONICS
Print Method	9 Pin Serial Dot Matrix	
Print Direction	Bi-directional, Logic Seeking	
Print Speed	Approx. 7.5 lps (@ 16 col) or 4 lps (@ 42 col, 16.9CPI)	
Paper Feed Speed	Approx. 33 lps (@ continuous feed)	
No. of Columns	40 col / 42 col / 35 col (76mm paper)	
	30 col / 32 col / 26 col (58mm paper)	
Character Matrix	7 x 9 (half dot) / 5 x 9	
Character Set	95 alphanumeric, 46 International, 128 x 40 graphic	
Code Pages	40 Code Pages	
Program ROM	Flash Memory	
Character per Inch (CPI)	16.9 / 14.1	
Character Size (mm)	1.2 (W) x 2.42 (H) / 1.5 (W) x 2.42 (H)	
Paper:	Width	76 +/- 0.5mm or 57.5 +/- 0.5mm (w) x 85mm (diameter)
	Thickness 1 ply	0.07 – 0.10mm
	Copy Capability 2 ply	Original +1, 0.05 – 0.08mm per ply, total less than 0.14
	Copy Capability 3 ply	Original +2, 0.05 – 0.08mm per ply, total less than 0.20
Ribbon Life:	RC200P	3.0 million characters
	RC200B	1.2 million characters
Control Code	Star Mode / ESC/POST™ Emulation	
Interface	RS232C or Bi-directional Parallel	
Data Buffer	2Kbyte or 256byte	
Printer Reliability:	Printer	22 million lines CRT, 9 million lines MCBF
	Autocutter	300,000 cuts
Drivers	Windows 95/98/ME/2000/XP™, NT4.0™, OPOS™, Linux CUPS Support™, JAVA-POS™ (to follow), Apple MAC™	
Peripheral Driver (D.K.D. Function)	2 circuits, for driving solenoids etc. (24V max., 1A)	
EMI Standard	1 compulsion input	
Safety Standard	VCCI Class A, FCC Class A, CE Marking	
	UL, C-UL, TUV	
Black Mark Detect	6 position as standard	
Paper End Detect	Standard	
Options	Paper Near End Sensor Paper Rewinder (journal roll) – Distributor Installation Star Buzzer Alarm option	
Additional Features	Fiscal Memory (Space Only) Power switch and cable covers as standard	
Overall Dimensions	140mm (W) x 225mm (D) x 163mm (H)	
Weight	2.0kg (Tear Bar Model), 2.2kg (Autocutter Model)	

All specifications are subject to change without notice.

07/03



Highly Sophisticated, Entry Level Receipt Printer
THE SP500 SERIES



The new logic seeking SP500 Series offers an unbeatable price/performance ratio unmatched by any other competitor

Performance

The SP500 is capable of printing 40 columns at a fast 4 lines per second, while it races through 16 column output at an amazing 7.5 lines per second – speeds unmatched by its nearest rival.



This receipt was printed in just 8.5 seconds with 4 sets of graphics and 19 lines of text...



...while this receipt was printed in just 6 seconds!

High Throughput

Speed alone is not what the retailer needs; it's throughput that counts and cuts the queues. The SP500 is bi-directional and logic seeking, resulting in an exceptional throughput, outpacing its closest competition.

Media Versatility



58mm and 76mm paper widths are available as standard using up to 3 part stationary or single part media up to 100gsm or 0.10mm thick. Perfect for low cost, narrow receipt environments such as dry cleaners, ticketing etc. as well as ECR supplies compatibility.

Star Design



Star Micronics' pedigree for quality engineering is fully demonstrated by the SP500's attention to detail. The interface and power supply cables are safely tucked away behind a protective cover which has two positions for convenient and highly effective cable management.

The internal, universal power supply with IEC socket completes the many advantages the SP500 has over its nearest competitors including a high reliability MCBF of 22 million lines.



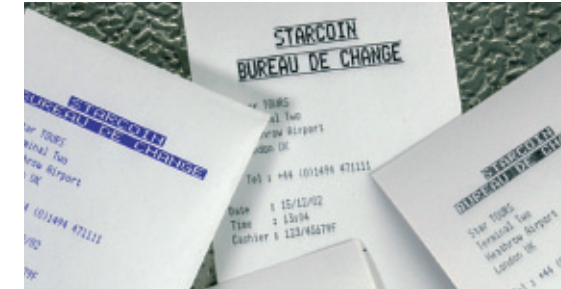
Vertical or Horizontal Operation

Who doesn't have a space problem? Well the answer is simple, the SP500 works just as well in a vertical position as it does horizontally! What other receipt printer of this quality has a footprint of just 163mm by 140mm?



Highlighting Text Facility

The SP500 has four ways to highlight important text. Just use the standard two colour text commands in Star mode and choose from reversed text, large reversed text, upper and underlined text and double height upper and underlined text. This simple single colour facility will also save money – no need for the more expensive or shorter life two colour ribbon.

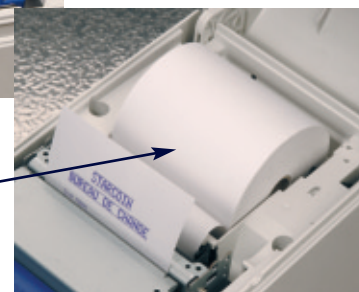


Splash-Resistant Design

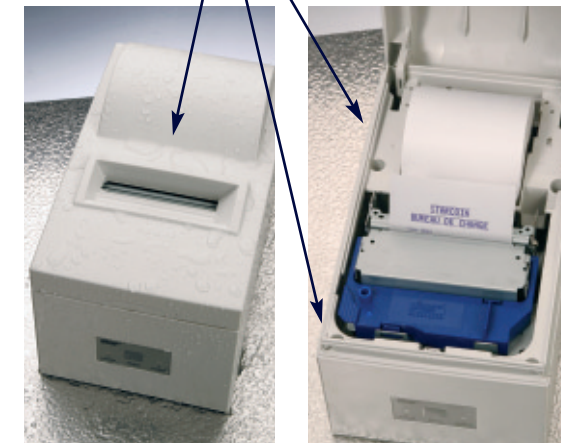
The internal guttering and liquid repellent designed top cover make this the ideal receipt printer for harsh hospitality environments, in addition to the fact that the hinged top cover is attached and will not allow careless staff to leave the printer unprotected!



Drop-In & insert



Automatic Paper Loading



Retail / Point-Of-Sale

Journal / Rewind versions

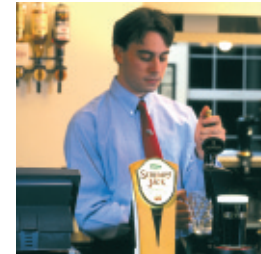


In retail, space is money and high throughput means shorter queues! The SP500 has been designed with an extremely small footprint, an internal power supply, fast quality print and a reliability factor that no other manufacturer can match at this price! Options include a rewind journal facility and near end paper sensor, while the power switch and cable covers have been included as standard.



Hospitality

The SP500 is the ideal Printer for the Front or Back of House including the Bar, Cold or Hot Food Counter and Kitchen. The Splash-Resistant design with hinged cover; the Star devised "rain" channel and internal guttering are all ideal features for rebuffing liquid spills and other debris. The wall mount and Star buzzer alarm option; space saving vertical operating mode, charcoal grey or Star white casing complete the menu of features on offer as does the integral power supply, which allows for tidy cable management – no "brick on a rope"!



Wall mount option

Ticketing

The SP500 printer is fitted with a six position black mark sensor and the ability to print on media up to 100gsm / 0.10mm thick making it ideal for a variety of ticketing applications. The choice of paper widths (58 or 76mm) as well as the fast, high quality graphics output make the SP500 the perfect low cost ticketing solution.



Fiscal

The SP500 has been designed to accommodate relevant fiscal modules. It also has a rewind option, black mark sensor for fixed length receipts and choice of paper widths.



Open Frame Printer

The UP500 Open Frame version is available, complete with full or partial autocutter, serial or parallel interface, control board, internal universal power supply and black mark sensor in a compact package 136mm wide by 156mm deep and 136mm high.

