

# TSP800II Series

Unique High Speed **112mm** wide Barcode, Label, Receipt and Ticket Printers



## Models

Interface versions available:

- TSP847IID Serial Interface
- TSP847IIC Parallel Interface
- TSP847IIU USB Interface
- TSP847II BI Bluetooth
- TSP847II HI X with CloudPRNT
- TSP847II Non-Interface version for use with low cost Ethernet (HE07) option
- TSP847II AirPrint A4 to virtual A6 replacement printer

## Key applications

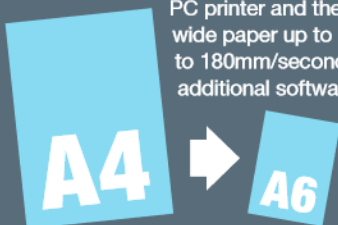
- ✦ Retail
- ✦ Hospitality
- ✦ Logistics
- ✦ Kiosk

Providing unique versatility and cost effectiveness, the TSP800II series is capable of printing on wider than average media up to 112mm with an automatic A4 raster driver scaling A4 images onto A6.

- 180mm/second Barcode, Label, Receipt and Ticket Printer with Autocutter as standard
- Wide 4" (104mm) print width – on paper stock up to 0.15mm thick. Paper guide for 80mm paper roll printing
- Internal or External paper feed paths (external for large capacity or fanfold applications)
- "Drop-In & Print" easy paper loading
- Compact footprint with vertical "Desk Boot" and Wall Mount options – ideal for kiosk applications
- ESC/POS™ compatible in Standard and "Super Large" mode
- Automatic scalable raster driver for immediate A4 reduction to A6
- Digital Receipting available
- Black mark sensor for fixed length labels and tickets

## AUTOMATIC PAGE SCALING – A4 to A6

The TSP800II Scalable Raster Driver provides the ability to format a page or screen image in the same way as a standard PC printer and then print that image on 112mm wide paper up to 0.15mm thick. All this at up to 180mm/second, without the need for additional software and zero warm-up time!



**TSP800II  
SCALABLE  
RASTER DRIVER**



*A4 automatic scalable invoice feature is now in use in the UK's largest and fastest-growing budget hotel brand, Whitbread's Premier Inn with over 650 budget hotels.*

## Apple AirPrint™

### TSP847II – Apple AirPrint™ Certified 112mm Receipt, Label and Ticket Printer









Star TSP847II AirPrint is the first 112mm receipt, label and ticket AirPrint POS printer certified by Apple. AirPrint is an Apple technology providing easy mobile printing solutions for Apple iPad, iPhone and MacBook users on any private network.

Star's TSP847II AirPrint Solution will provide Ethernet and WiFi use with an Apple WiFi Alliance certified dongle included in the box with EU and UK power supplies.

Capable of scaling an A4 image onto 112mm wide paper, the TSP847II can be integrated as a cost effective receipt, ticket or label printer or an easy-to-use and compact alternative to standard A4 invoice or report printers in retail and hospitality environments with a faster print speed and significant paper and consumables cost savings.

# Thermal Printers

STAR PRINTER SERIES	mC-Print2 Series	mC-Print3 Series	TSP143IIECO	TSP100III Series	TSP650II Series	TSP700II Series	TSP800II Series	FVP10	mPOP
									
	Pages 4-5	Pages 4-5	Pages 8-9	Page 8-9	Page 10-11	Pages 14	Pages 15	Pages 13	Page 6-7
Description	58mm Receipt Printer with up to 5 Interfaces and 2 USB Host Ports	80mm Front Operating Receipt Printer with up to 5 Interfaces and 2 USB Host Ports	80mm Receipt Printer with futurePRNT technology and ECO features	80mm Receipt Printer with futurePRNT technology	80mm Receipt Printer with Plug-in Interface options	80mm Receipt, Label, Ticket and Kiosk Printer	112mm Receipt, Label, Ticket and Kiosk Printer	80mm Front Operating Under Counter Receipt and Label Printer	Combined 58mm Bluetooth Receipt Printer and Cash Drawer
Application	Receipts	Receipts, Kiosk	Receipts	Receipts	Receipts, Labels (TSP654SK)	Receipts, Labels Tickets, Kiosk	Receipts, Labels Tickets, Kiosk	Receipts, Labels, Tickets	Receipts
Max. Print Speed	100mm/sec.	250mm/sec.	150mm/sec.	250mm/sec.	300mm/sec.	250mm/sec.	180mm/sec.	250mm/sec.	100mm/sec.
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi, 406 x 203 dpi selectable	203 dpi, 406 x 203 dpi selectable	203 dpi, 406 x 203 dpi selectable	203 dpi
No. of Columns	48 col.	64 col.	48/64 col. depending on paper width	48/64 col. depending on paper width	48/64 col. depending on paper width	48/64, 53/71 col	Max. 104 col.	48/64 col. depending on paper width	48 col.
Autocutter	Full or partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Full or partial cut (guillotine)	Full or partial cut (guillotine)	Full or partial cut (guillotine)	Full or partial cut (guillotine)
Paper Width	58mm	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard, 82.5, 58mm	112mm	58 – 80mm fully adjustable	58mm
Paper Thickness	0.053 – 0.075mm	0.053 – 0.075mm	0.065 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.065 – 0.15mm	0.065 – 0.15mm	0.065 – 0.15mm	0.053 – 0.075mm
Max. Paper Roll Diameter	54mm	83mm	83mm	83mm	83mm	100mm or External Paper Feed	100mm or External Paper Feed	83mm	50mm
Media Presentation	Front Receipt Exit, Top Paper Loading	Front Receipt Exit, Front Paper Loading	User Selectable Paper Delivery options with Mounting Bracket included	User Selectable Paper Delivery options with Mounting Bracket included	User Selectable Paper Delivery options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket Included & optional Paper Exit Guide	User Selectable Paper Delivery Options	Front Receipt Exit, Front Paper Loading	Front Receipt Exit, Front Paper Loading
Print Width	54mm/50.8mm/48mm default	50.8mm/72mm default	50.8mm (58mm Paper) 72mm (80mm Paper)	50.8mm (58mm Paper) 72mm (80mm Paper)	50.8mm (58mm Paper) 72mm (80mm Paper)	Max. 80mm	Max. 104mm	Max. 72mm	54 or 48mm
Sensors	Paper End, Cover Open	Paper End, Paper Near End (mCP31L/LB, mCP31C/CB), Cover Open	Paper End, Cover Open	Paper End, Cover Open	Paper End, Paper Near End (horizontal & vertical), Cover Open	Black Mark, Paper End, Paper Near End (horizontal & vertical), Cover Open	Black Mark, Paper End, Paper Near End (horizontal & vertical), Cover Open	Black Mark, Paper End, Paper Near End, Cover Open	Paper End, Cover Open
Interface	mCP20: USB, LAN, Cloud mCP21LB: USB, LAN, Cloud, IOS USB with SteadyLAN, Bluetooth, 2 x USB Host Ports	mCP30: USB, LAN, Cloud mCP31L: USB, LAN, Cloud, IOS USB with SteadyLAN, 2 x USB Host Ports mCP31LB: as above with Bluetooth mCP31C: LAN, Cloud, USB-C with SteadyLAN, 2 x USB Host Ports mCP31CB: as above with Bluetooth	USB	TSP143IIIU: USB with IOS Data & Charge TSP143IIIE: Ethernet TSP143IIIBI: Bluetooth TSP143IIIW: WLAN	Serial, Parallel, USB, Ethernet, Bluetooth, AirPrint, Hi X Connect and Non-Interface versions. Plug-in options: Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), Hi X Connect with CloudPRNT (HI01X)	Serial, Parallel, USB, Bluetooth, Hi X Connect and Non-Interface versions. Plug-in options: Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), Hi X Connect with CloudPRNT (HI01X)	Serial, Parallel, USB, Bluetooth, AirPrint and Non-Interface versions. Plug-in options: Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), Hi X Connect with CloudPRNT (HI01X)	Dual Interface USB and Plug-in Serial HD03, Parallel HC03 or Ethernet HE07 (sub chassis needed). Bluetooth version FVP10BI with additional USB	Bluetooth, 1 Slave USB 2 x 0.5A and 2 x 1.5A USB Host Ports
Power Supply	External PS60C included	External PS60C included	Internal with power cable included	Internal with power cable included	External option PS60	External option PS60	External option PS60	External option PS60	Internal with power cable included
Power Consumption	19.2W Printing, 1.44W Standby	45.6W Printing, 1.68W Standby	10.6W Printing, 0.05W Standby	46W Printing, 3.5W Standby	45.6W Printing, 3.6W Standby	43.2W Printing, 3.6W Standby	48W Printing, 2.88W Standby	37.44W Printing, 2.88W Standby	32.34W Printing, 25.77W Standby
Energy Star Certified	Yes	Yes	Yes	Yes	Yes	Yes	–	Yes	Yes
Reliability	60 million lines 1 million cuts	60 million lines 2million cuts	60 million lines 1 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	37 million lines 2 million cuts	60 million lines 2 million cuts	18 million lines 300,000 cuts
Dimensions (w x d x h) mm Weight	96 x 113 x 100 0.8kg	132 x 140 x 125 1.3kg	142 x 204 x 132 1.74kg	142 x 204 x 132 1.68kg	104 x 203.5 x 132 1.60kg	147 x 312 x 148 1.75kg	180 x 213 x 148 1.9kg	144 x 227.7 x 114 2.8kg	308 x 300 x 100 3.3kg
Options and Accessories	In box: • PS60 Power Supply Options: • mC-Print Cable Tidy • mC-Sound Buzzer Alarm • SCD222 Display • Star 1D Scanner • 2D Scanner	In box: • PS60 Power Supply • 58mm Paper Guide Options: • Wall mount kit • mC-Sound Buzzer Alarm • SCD222 Display • Star 1D Scanner • 2D Scanner	In box: • Power Cable • USB Interface Cable • Wall Mount • Power Switch Cover • Paper Roll • 58mm Paper Guide Options: • T100 Splash Proof Cover • VS T100 Vertical Stand • Buzzer Alarm	In box: • Power Cable • Interface Cable • Wall Mount • Power Switch Cover • Paper Roll • 58mm Paper Guide Options: • T100 Splash Proof Cover • VS T100 Vertical Stand • Buzzer Alarm	In box: • PS60 Power Supply (check with reseller) • Wall Mount • Power Switch Cover • 58mm Paper Guide Options: • PS60 Power Supply • T650 Splash Proof Cover • VS T650 Vertical Stand • Buzzer Alarm	In box: • Power Switch Cover • 58mm Paper Guide • Cable Cover Options: • PS60 Power Supply • WB-T700 Wall Mount • T700 Splash Proof Cover • VS-T700 Desk Boot • Buzzer Alarm • Plug-in interfaces	In box: • Power Switch Cover Options: • PS60 Power Supply • WB-T800 Wall Mount • VS-T800 Desk Boot • Buzzer Alarm • 80mm Paper Guide • Plug-in interfaces	In box: • Power Switch Cover • Interface Cable Options: • PS60 Power Supply • MK-FVP10 Mounting Bracket • Cable Cover • 2nd Interface option	In box: • Power Cable • Counter Clip • Paper Roll Options: • Plastic Tablet Stand Options: • mC-Sound Buzzer Alarm • Star 1D Scanner • SCD222 Display • POPPack Tablet Stand • VESA Mount • Under Counter Mount Kit

► Industry standard 1D & 2D barcode support on all printers