

TSC

The Smarter Choice.

MB240 SERIES

Small Footprint, Big Impact



TSC'S MOST VERSATILE COMPACT LIGHT INDUSTRIAL LABEL PRINTER

TSC MB240 series of industrial thermal label printers is a new value leader for 4" wide light industrial label printing. The MB240 series is designed to fit in alongside TSC's bigger industrial printer models including the MH240 and MX240P Series. The MB240 features a small footprint, easily understandable operator interface and a full set of options to meet nearly every printing application.

Its compact design, quiet operation and fast label throughput is equally at home, in the office or on the shop floor. The printer's all-metal construction and die-cast aluminum print mechanism engine is durable enough to withstand the toughest production environments and is designed for years of trouble free use.

KEY FEATURES



Small Footprint & Rugged Design

- Weight: 39% less, size: 30% smaller than TTP-246M Pro



Flexible & Advanced TPH Mechanism

- Flexible TPH pressure adjustment & adjustable heat line
- Reinforced TPH module hook
- Wide open angle for media handling



3.5" Intuitive Color Touch Display

- Ease of use 3.5" touch color GUI display and intuitive indicators



Versatile Availability of Connectivity

- Standard USB, USB Host, Serial and Internal Ethernet
- Optional seamless 802.11 a/b/g/n wireless slot-in module or internal steady Bluetooth 4.2 interface



One Step to Quick Setup/Update

- Scan 1D/2D Barcode to setup or clone the configurations in one step

APPLICATIONS



Manufacturing

- Work In Process
- Product Marking
- Compliance Labeling
- Industrial-Duty Printing



Warehouse & Logistics

- Packing
- Order Fulfillment
- Shipping/Receiving
- Inventory Management



Retail

- Product Label
- Event Ticketing

MB240 SERIES – Industrial Thermal Transfer Bar Code Printer

PRINTER MODEL	MB240	MB340	MB240T	MB340T
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)
Printing method	Thermal Transfer & Direct Thermal			
Max. print speed	254 mm (10")/s	178 mm (7")/s	254 mm (10")/s	178 mm (7")/s
Max. print width	108 mm (4,25")	106 mm (4,16")	108 mm (4,25")	106 mm (4,16")
Max. print length	25,400 mm (1000")	11,430 mm (450")	25,400 mm (1000")	11,430 mm (450")
Enclosure	Die-cast based print mechanism/Metal cover with large clear media view window			
Physical dimension	248 mm (W) x 274 mm (H) x 436 mm (D) 9.76" (W) x 10.79" (H) x 17.17" (D)			
Weight	9 kg (19.84 lbs)		9.2 kg (20.28 lbs)	
Label roll capacity	203.2 mm (8") O.D.			
Ribbon	450 m long, max. O.D. 81.3 mm, 1" core (ink coated outside or inside)			
Ribbon width	40 ~ 110 mm (1.6" ~ 4.3")			
Processor	32-bit RISC CPU			
Memory	• 128 MB Flash memory • 128 MB SDRAM			
Interface	• RS-232 • USB 2.0 • Internal Ethernet, 10/100 Mbps • USB host, for scanner or PC keyboard • GPIO (dealer option) • Internal Bluetooth 4.2 MFi (factory option) • Slot-in 802.11 a/b/g/n wireless (dealer option)			
Power	Internal universal switching power supply • Input: AC 100-240V, 2.0A, 50-60Hz • Output: DC 24V, 3.75A, 90W			
LED/LCD	• 4 intuitive icon indicators • 1 status indicator		• 3.5" touch HVGA color LCD • 1 status indicator	
Operation switch, button	• 2 buttons (Pause, Feed)		• 6 buttons (Menu, Pause/Feed, Up, Down, Left, Right)	
Sensors	• Gap transmissive sensor (position adjustable) • Black mark reflective sensor (position adjustable) • Ribbon encoder sensor • Ribbon end sensor • Head open sensor			
Real time clock	Standard			
Internal fonts	• 8 alpha-numeric bitmap fonts • Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font			
Bar code	• 1D bar code Code 39, Code 93, Code128UCC, Code128 subsets A.B.C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, RSS-Stacked, GS1 DataBar, Code 11, China Post • 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec			
Font and barcode rotation	0, 90, 180, 270 degree			
Printer language	TSPL-EZD (Compatible to EPL, ZPL, ZPL II, DPL)			
Media type	Continuous, die-cut, black mark, fan-fold, notched (outside wound)			
Media width	20 ~ 120 mm (0.8" ~ 4.7")			
Media thickness	0.06 ~ 0.28 mm (2.36 ~ 11 mil)			
Media core diameter	25.4 ~ 76.2 mm (1" ~ 3")			
Label length	5 ~ 25,400 mm (0.2" ~ 1000")	5 ~ 11,430 mm (0.2" ~ 450")	5 ~ 25,400 mm (0.2" ~ 1000")	5 ~ 11,430 mm (0.2" ~ 450")
Environment condition	Operation: 0 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing			
Safety regulation	FCC Class A, CE Class A, RCM Class A, cTUVus, CCC, BIS, TÜV, KC, BSMI, EAC, ENERGY STAR®			
Environmental concern	Comply with RoHS, WEEE			
Accessories	• Windows labeling software CD disk • Quick start guide • USB cable • Power cord			
Limited warranty	• Printer: 2 years • Print head: 25 km (1 million inches) or 12 months which comes first • Platen: 50 km (2 million inches) or 12 months which comes first			
Factory options	• Internal Bluetooth 4.2 MFi**			
Dealer options	• Peel-off kit • 5" OD internal rewinding kit • Regular guillotine cutter (full cut) • GPIO • 802.11 a/b/g/n wireless module (for device without slot-in housing)*			
User options	• 802.11 a/b/g/n wireless module (for device with slot-in housing) • KP-200 Plus keyboard display unit			

Note:

*: Either GPIO or Wireless interface is available.

** : Either Wireless or Bluetooth interface is available.



CORPORATE HEADQUARTERS

TSC Auto ID Technology Co., Ltd.
Tel: +886 2 2218 6789
E-mail: apac_sales@tscprinters.com

LI ZE PLANT

TSC Auto ID Technology Co., Ltd.
Tel: +886 3 990 6677
E-mail: apac_sales@tscprinters.com

AMERICAS

TSC Auto ID Technology America Inc.
Tel: +1 657 258 0808
E-mail: americas_sales@tscprinters.com

MEXICO

TSC Mexico Representative Office
Tel: +1 52 (33) 3673 1406
E-mail: americas_sales@tscprinters.com

BRAZIL

TSC Brazil Representative Office
Tel: +55 (11) 3554 7225
E-mail: americas_sales@tscprinters.com

EMEA

TSC Auto ID Technology EMEA GmbH
Tel: +49 (0) 8106 37979 000
E-mail: emea_sales@tscprinters.com

RUSSIA

TSC Auto ID Technology EMEA GmbH
Tel: +7 495 249 9017
E-mail: emea_sales@tscprinters.com

MIDDLE EAST

TSC Auto ID Technology ME Ltd, FZE
Tel: +971 4 2533 069
E-mail: emea_sales@tscprinters.com

ASIA PACIFIC

TSC Auto ID Technology Co., Ltd.
Tel: +886 2 2218 6789
E-mail: apac_sales@tscprinters.com

INDIA

TSC India Distributor's Office
Tel: +91 2267 082 465
E-mail: apac_sales@tscprinters.com

CHINA

Tianjin TSC Auto ID Technology Co., Ltd.
Tel: +86 22 5981 6661
E-mail: apac_sales@tscprinters.com

KOREA

TSC Korea Representative Office
Tel: +82 2 852 3322
E-mail: apac_sales@tscprinters.com



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