MB240T SERIES
Small Footprint, Big Impact

TSC'S MOST VERSATILE COMPACT LIGHT INDUSTRIAL LABEL PRINTER

TSC MB240T series of industrial thermal label printers is the new value leader for 4" wide light industrial label printing. The MB240T series is designed to fit in alongside TSC's bigger industrial printer models including the MH240 and MX240P Series. The MB240T 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

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MB240T SERIES – Industrial Thermal Transfer Bar Code Printer

PRINTER MODEL	MB240T	MB340T
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)
Printing method	Thermal Transfer & Direct Thermal	
Max. print speed	254 mm (10")/second	178 mm (7")/second
Max. print width	108 mm (4.25")	105.7 mm (4.16")
Max. print length	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	9.2 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 mm ~ 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 (dealer 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	• 3.5" touch HVGA color LCD • 1 status indicator	
Operation switch, button	• 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 mm ~ 76.2 mm (1" ~ 3")	
Label length	5 ~ 25,400 mm (0.2" ~ 1000")	5 ~ 11,430 mm (0.2" ~ 1000")
Environment condition	Operation: 5 ~ 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	
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)* • Internal Bluetooth 4.2**	
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.

TSC
The Smarter Choice.

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