

MB240

MB240T

MB240 SERIES

Small Footprint, Big Impact

TSC'S MOST VERSATILE COMPACT LIGHT INDUSTRIAL LABEL PRINTER

TSC MB240 series of industrial thermal label printers is the 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 MFi 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	304.8mm (12")/second	228.6mm (9")/second	304.8mm (12")/second	228.6mm (9")/second
Max. print width	107mm (4.21")	105.7mm (4.16")	107mm (4.21")	105.7mm (4.16")
Max. print length	25,400mm (1000")	11,430mm (450")	25,400mm (1000")	11,430mm (450")
Enclosure	Die-cast based print mechanism/Metal cover with large clear media view window			
Physical dimension	248mm (W) x 274mm (H) x 436mm (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	203.2mm (8") O.D.			
Ribbon	450m long, max. O.D. 81.3mm, 1" core (ink coated outside or inside)			
Ribbon width	40 ~ 110mm (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 ~ 120mm (0.8" ~ 4.7")			
Media thickness	0.06 ~ 0.28mm (2.36 ~ 11 mil)			
Media core diameter	25.4 ~ 76.2mm (1" ~ 3")			
Label length	5 ~ 25,400mm (0.2" ~ 1000")	5 ~ 11,430mm (0.2" ~ 1000")	5 ~ 25,400mm (0.2" ~ 1000")	5 ~ 11,430mm (0.2" ~ 1000")
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: 25km (1 million inches) or 12 months which comes first • Platen: 50km (2 million inches) or 12 months which comes first			
Factory options	Internal Bluetooth 4.2 MFi **			
Dealer options	• Peel-off kit • Regular guillotine cutter (full cut) • Linerless tear-off kit • Linerless cutter kit • GPIO • 802.11 a/b/g/n wireless module (for device without slot-in housing)* • 5" OD internal rewinding kit			
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.



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The Smarter Choice.

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