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 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

/// www.tscprinters.com

# 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 | 203 mm (8")/second | 152 mm (6")/second | 203 mm (8")/second | 152 mm (6")/second |
| Max. print width | 108 mm (4.25") | 105.7 mm (4.16") | 108 mm (4.25") | 105.7 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)<br>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 mm ~ 110 mm (1.6" ~ 4.3") | | | |
| Processor | 32-bit RISC CPU | | | |
| Memory | • 128 MB Flash memory<br>• 64 MB SDRAM | | | |
| Interface | • RS-232<br>• USB 2.0<br>• Internal Ethernet, 10/100 Mbps<br>• USB host, for scanner or PC keyboard<br>• GPIO (dealer option)<br>• Internal Bluetooth 4.2 (dealer option)<br>• Slot-in 802.11 a/b/g/n wireless (dealer option) | | | |
| Power | Internal universal switching power supply<br>• Input: AC 100-240V, 2.0A, 50-60Hz<br>• Output: DC 24V, 3.75A, 90W | | | |
| LED/LCD | • 4 intuitive icon indicators<br>• 1 status indicator | | • 3.5" touch HVGA color LCD<br>• 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)<br>• Black mark reflective sensor (position adjustable)<br>• Ribbon encoder sensor<br>• Ribbon end sensor<br>• Head open sensor | | | |
| Real time clock | Standard | | | |
| Internal fonts | • 8 alpha-numeric bitmap fonts<br>• Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font | | | |
| Bar code | • 1D bar code<br>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<br>• 2D bar code<br>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<br>(0.2" ~ 1000") | 5 ~ 11,430 mm<br>(0.2" ~ 450") | 5 ~ 25,400 mm<br>(0.2" ~ 1000") | 5 ~ 11,430 mm<br>(0.2" ~ 450") |
| Environment condition | Operation: 5 ~ 40°C, 25 ~ 85% non-condensing<br>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<br>• Quick start guide<br>• USB cable<br>• Power cord | | | |
| Limited warranty | • Printer: 2 years<br>• Print head: 25 km (1 million inches) or 12 months which comes first<br>• Platen: 50 km (2 million inches) or 12 months which comes first | | | |
| Dealer options | • Peel-off kit<br>• Regular guillotine cutter (full cut)<br>• GPIO<br>• 802.11 a/b/g/n wireless module (for device without slot-in housing)*<br>• Internal Bluetooth 4.2** | | | |
| User options | • 802.11 a/b/g/n wireless module (for device with slot-in housing)<br>• KP-200 Plus keyboard display unit | | | |

**TSC** — The Smarter Choice.

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