



## MB240T SERIES

### Small Footprint, Big Impact

#### TSC'S MOST VERSATILE COMPACT LIGHT INDUSTRIAL LABEL PRINTER

TSCMB240T 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

WILUX PRINT AG  
Unterfeldstrasse 5  
CH-8340 Hinwil

Tel.: +41 (0)55 253 24 24  
Fax: +41 (0)55 253 24 25

mail@wilux.ch  
www.wilux.ch  
www.labellingshop.com



# MB240T SERIES – Industrial Thermal Transfer Bar Code Printer



PRINTERMODEL	MB240T	MB340T
<b>Resolution</b>	8 dots/mm (203DPI)	12 dots/mm (300DPI)
<b>Printing method</b>	Thermal Transfer & Direct Thermal	
<b>Max. print speed</b>	254 mm (10")/second	178 mm (7")/second
<b>Max. print width</b>	108 mm (4.25")	105.7 mm (4.16")
<b>Max. print length</b>	25,400 mm (1000")	11,430 mm (450")
<b>Enclosure</b>	Die-cast based print mechanism/Metal cover with large clearmedia view window	
<b>Physical dimension</b>	248 mm (W) x 274 mm (H) x 436 mm (D) 9.76" (W) x 10.79" (H) x 17.17" (D)	
<b>Weight</b>	9.2 kg (20.28 lbs)	
<b>Label roll capacity</b>	203.2 mm (8") O.D.	
<b>Ribbon</b>	450 m long, max. O.D. 81.3 mm, 1" core (ink coated outside or inside)	
<b>Ribbon width</b>	40 mm ~ 110 mm (1.6" ~ 4.3")	
<b>Processor</b>	32-bit RISC CPU	
<b>Memory</b>	<ul style="list-style-type: none"> <li>• 128 MB Flash memory</li> <li>• 128 MB SDRAM</li> </ul>	
<b>Interface</b>	<ul style="list-style-type: none"> <li>• RS-232</li> <li>• USB 2.0</li> <li>• Internal Ethernet, 10/100 Mbps</li> <li>• USB host, for scanner or PC keyboard</li> <li>• GPIO (dealer option)</li> <li>• Internal Bluetooth 4.2 (dealer option)</li> <li>• Slot-in 802.11 a/b/g/n wireless (dealer option)</li> </ul>	
<b>Power</b>	Internal universal switching power supply <ul style="list-style-type: none"> <li>• Input: AC 100-240V, 2.0A, 50-60Hz</li> <li>• Output: DC 24V, 3.75A, 90W</li> </ul>	
<b>LED/LCD</b>	<ul style="list-style-type: none"> <li>• 3.5" touch HVGA color LCD</li> <li>• 1 status indicator</li> </ul>	
<b>Operation switch, button</b>	<ul style="list-style-type: none"> <li>• 6 buttons (Menu, Pause/Feed, Up, Down, Left, Right)</li> </ul>	
<b>Sensors</b>	<ul style="list-style-type: none"> <li>• Gap transmissive sensor (position adjustable)</li> <li>• Black mark reflective sensor (position adjustable)</li> <li>• Ribbon encoder sensor</li> <li>• Ribbon end sensor</li> <li>• Head open sensor</li> </ul>	
<b>Real time clock</b>	Standard	
<b>Internal fonts</b>	<ul style="list-style-type: none"> <li>• 8 alpha-numeric bitmap fonts</li> <li>• Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> </ul>	
<b>Bar code</b>	<ul style="list-style-type: none"> <li>• 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</li> <li>• 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec</li> </ul>	
<b>Font and barcode rotation</b>	0, 90, 180, 270 degree	
<b>Printer language</b>	TSPL-EZD (Compatible to EPL, ZPL, ZPL II, DPL)	
<b>Media type</b>	Continuous, die-cut, black mark, fan-fold, notched (outside wound)	
<b>Media width</b>	20 ~ 120 mm (0.8" ~ 4.7")	
<b>Media thickness</b>	0.06 ~ 0.28 mm (2.36 ~ 11 mil)	
<b>Media core diameter</b>	25.4 mm ~ 76.2 mm (1" ~ 3")	
<b>Label length</b>	5 ~ 25,400 mm (0.2" ~ 1000")	5 ~ 11,430 mm (0.2" ~ 1000")
<b>Environment condition</b>	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing	
<b>Safety regulation</b>	FCC Class A, CE Class A, RCM Class A, cTUVus, CCC, BIS, TÜV, KC, BSMI, EAC, ENERGY STAR®	
<b>Environmental concern</b>	Comply with RoHS, WEEE	
<b>Accessories</b>	<ul style="list-style-type: none"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB cable</li> <li>• Power cord</li> <li>• Printer: 2 years</li> </ul>	
<b>Limited warranty</b>	<ul style="list-style-type: none"> <li>• Print head: 25 km (1 million inches) or 12 months which comes first</li> <li>• Platen: 50 km (2 million inches) or 12 months which comes first</li> </ul>	
<b>Dealer options</b>	<ul style="list-style-type: none"> <li>• Peel-off kit</li> <li>• 5" OD internal rewinding kit</li> <li>• Regular guillotine cutter (full cut)</li> <li>• GPIO</li> <li>• 802.11 a/b/g/n wireless module (for device without slot-in housing)*</li> <li>• Internal Bluetooth 4.2**</li> </ul>	
<b>User options</b>	<ul style="list-style-type: none"> <li>• 802.11 a/b/g/n wireless module (for device with slot-in housing)</li> <li>• KP-200Plus keyboard display unit</li> </ul>	

**Note:**  
 \*: Either GPIO or Wireless interface is available.  
 \*\*: Either Wireless or Bluetooth interface is available.

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