

# 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	<ul style="list-style-type: none"> <li>• 128 MB Flash memory</li> <li>• 128 MB SDRAM</li> </ul>			
Interface	<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 MFi (factory option)</li> <li>• Slot-in 802.11 a/b/g/n wireless (dealer option)</li> </ul>			
Power	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>			
LED/LCD	<ul style="list-style-type: none"> <li>• 4 intuitive icon indicators</li> <li>• 1 status indicator</li> </ul>		<ul style="list-style-type: none"> <li>• 3.5" touch HVGA color LCD</li> <li>• 1 status indicator</li> </ul>	
Operation switch, button	<ul style="list-style-type: none"> <li>• 2 buttons (Pause, Feed)</li> </ul>		<ul style="list-style-type: none"> <li>• 6 buttons (Menu, Pause/Feed, Up, Down, Left, Right)</li> </ul>	
Sensors	<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>			
Real time clock	Standard			
Internal fonts	<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>			
Bar code	<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>			
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	<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> </ul>			
Limited warranty	<ul style="list-style-type: none"> <li>• Printer: 2 years</li> <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>			
Factory options	<ul style="list-style-type: none"> <li>• Internal Bluetooth 4.2 MFi**</li> </ul>			
Dealer options	<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> </ul>			
User options	<ul style="list-style-type: none"> <li>• 802.11 a/b/g/n wireless module (for device with slot-in housing)</li> <li>• KP-200 Plus keyboard display unit</li> </ul>			

**Note:**

\*: Either GPIO or Wireless interface is available.

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



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