

# Fastmark M2 Series

## Value, Performance & Support



## M2 – Meeting Your Portable Printing Needs Is Easy With The Rugged M2 Thermal Printer

*M2 has it too!...* the ability to store and run printer resident PAL™ application programs. Fastmark printers with PAL are well known for their compatibility with almost any software program (providing powerful solutions for most print applications). The M2 is lightweight and rugged. The double-walled construction with rubber-over molded enclosure can handle drops of 6 feet. The M2 is versatile, user-friendly and cost-effective.

### Construction

- Clam-shell media access for simplified media loading.
- Portable and **ultra** light at 2 lbs.
- High powered (7.4 volts DC) battery prints up to 3000 (3" x 1") labels.

### Standard Features

- Charger and two batteries included.
- BIG “Easy” to read multi-line LCD display.
- Dual sensor media detection.
- Prints media up to 3” wide.
- Holds a 2.5-inch media roll and features an external media slot with adjustable guides.
- Standard label peel off module.
- Standard USB and RS-232 Serial ports.
- Wireless and Bluetooth models available.
- PAL operating system.



All M2s are ready for loading custom PAL applications as needed for almost any situation or host.



**PRINTER SPECIFICATIONS INCLUDE:**

<b>Printer Model</b>	M2
<b>Resolution</b>	203 DPI
<b>Printing Method</b>	Direct Thermal
<b>Print Speed</b>	Up to 3.5 ips
<b>Max Print Width</b>	2.83" (72mm)
<b>Max Print Length</b>	40" (1016mm)
<b>Enclosure</b>	Double-walled plastic with rubber over molded enclosure
<b>Physical Dimension</b>	7.23" (L) x 5.1" (W) x 3.54" (H) 183.7mm (L) x 129mm (W) x 90mm (H)
<b>Weight</b>	2.05 lbs (930g) (including battery)
<b>Label Roll Capacity</b>	2.5" (63.5mm) OD
<b>Processor</b>	32-bit RISC CPU
<b>Memory</b>	4MB Flash memory 2MB DRAM
<b>Interface</b>	RS-232 (max 115,200 bps), USB 1.1
<b>Power</b>	Two-cell, 7.4V DC, 2200mAh Li-ion rechargeable battery
<b>User Interface</b>	Graphical LCD display (122 dots x 32 dots) with back light
<b>Operation Switch Button</b>	5 buttons (On/Off, feed, and three context-sensitive keys)
<b>Sensors</b>	Gap transmissive sensor Black mark reflective sensor Head Open Peeler Sensor
<b>Internal Font</b>	San Serif and OCRB styles with smooth scaling

<b>Bar Code</b>	<b>Linear barcodes</b> Code 39, Code 93, Code128 subsets A.B.C., Codabar, Interleave 2 of 5, EAN-8, EAN-13, UPC-A,UPC-E, MSI PLESSEY, POSTNET, RSS
	<b>2D bar code</b> PDF-417, Maxicode, DataMatrix
<b>Font &amp; Barcode Rotation</b>	0, 90, 180, 270 degrees
<b>Command Set</b>	PAL™
<b>Media Type</b>	Continuous, die-cut, fan-fold, black mark, tag
<b>Media Size</b>	Min width 1.00" (25.4mm) Max width 3.15" (80.00mm) Min length 0.75" (19.05mm) Min length (Peeler Mode) 0.75" (19.05mm) Max length (Peeler Mode) 6.00" (152.40mm) Min width (Peeler Mode) 1.00" (25.4mm) Max width (Peeler Mode) 2.99" (76.0mm) Min thickness 2.3 mil (0.06mm) Max thickness 7.4 mil (0.19mm) Max roll capacity 2.5" OD Core size 1.0" ID
<b>Environmental</b>	Operation: 32-104°F (0-40°C), 5-90% non-condensing Storage: -40-140°F (-40-60°C), 10-90% non-condensing
<b>Regulatory</b>	FCC, CE, C-Tick Class B, UL, CUL, TUV/GS, CCC
<b>Accessories</b>	Quick start guide, Li-ion battery, 3" width paper core, hand strap, battery charger station & power adapter, CD with manual and windows drivers, cleaning pen, USB cable
<b>Reliability</b>	TPH: 1 million inches or 12 months whichever comes first
<b>Model Option</b>	Wireless network
<b>User Options</b>	Bluetooth module, shoulder strap

Specifications are subject to change without notice.  
Part No.121545 rev. A  
#8642



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