

Mobile. Rugged. Reliable. All Shift Long.



M4L Mobile Thermal Printer

- 30% longer battery life than competitive models
- Durable external case construction
- Backlit display & intuitive menu keys
- Large label roll capacity
- Rugged, 5 foot drop resistant design
- Reliable Printronix service & support

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M4L Mobile Printer



Increase your Efficiency

For the past 40 years, Printronix has delivered printers designed to address all of your industrial printing needs. And now, the M4L mobile thermal printer emerges to address yet another issue that will improve your bottom line: **efficiency**.

- The **extra-long battery life** lasts over multiple shifts with less down time.
- The **compact construction** endures extreme industrial environments.
- Print and apply labels right at point of application – in the warehouse, field or on the road – to increase productivity.
- Combine the best of Printronix service with a **portable, rugged and durable design**.

Plus, the M4L has a simplified user interface, fast print speed, reliable performance, and exceptional print quality all supported by Printronix's long legacy of excellent service.

Key Market Applications



DISTRIBUTION CENTERS

In **the warehouse**, the M4L prints:

- Inventory labels
- Receiving labels
- Shipping labels
- Cross-docking labels

...for **improved efficiency and error reduction** as workers "print and apply" bar code labels on the spot.



MANUFACTURING

In **the plant**, the M4L prints:

- Work-in-process tracking labels
- Pallet labels
- Location labels
- Shipping and compliance labels

Increased productivity, and real-time goods and work-in-progress maintenance benefits.



RETAIL

In **retail stores**, the M4L prints:

- Item labels
- Shelf tags
- Price labels
- Return labels

In retail, you can **make turnkey price adjustments on items and change shelf labels** in real time.

Longer Uptime, Easier Integration, and Printronix Reliability You Can Trust

Ready to run all shift long thanks to a long battery life, and fully compatible with other competitive models, the M4L is factory-ready for ZPL 2 or CPCL, and connects directly to your legacy host systems and peripheral devices for quick and easy integration.

Key Features

- High-capacity, rechargeable **Lithium-Ion** battery lasts all shift long.
- Rubberized over-molding **external case** survives many 5 foot (1.5 m) drops.
- **High speed processor and extensive memory** options enable fast printing.
- **Large, backlit LCD display** with intuitive menu keys makes printer use easy.
- **Wireless modules** in Bluetooth 2.0 and secure WPA2 WiFi 802.11 b/g/n allow for local and networked systems connections.
- **Large label roll capacity** reduces time lost to roll changes.

Printronix Consumables and Media

Choose from our large selection of label media specially designed for the best M4L performance. Always use genuine Printronix products to get the best print quality, increase reliability, and extend your printer's life.

Printronix Services

At Printronix, our top priority is to provide our customers with solutions that keep their printers operating at optimal levels. Our M4L Service Programs will increase printer uptime, prevent unexpected repair costs, and ensure that your printer will always be serviced by a factory-certified, trained technician. Printronix offers a wide variety of Depot Service offerings, designed to fit your needs.

For information on Printronix service or maintenance, please email service@printronix.com.

Printer Accessories



Heavy Duty Metal Belt Clip
258236-001



Velcro Belt Loop
258302-001



Shoulder Strap
258239-001



Lithium-Ion Battery
258235-001



**IP-54 Case Protector
(Up to 6 ft. Drop)**
258152-001



USB to RS232 Adapter
258238-001



Vehicle Power Adapter
258240-001



AC Single-Unit Charger*
258233-001 Americas
258233-002 Europe
258233-003 United Kingdom



**Single 1-Battery Bay
External Charger***
258314-001 Americas
258314-002 Europe
258314-003 United Kingdom



**Quad 4-Battery Bay
External Charger***
258234-001 Americas
258234-002 Europe
258234-003 United Kingdom

* M4L Mobile Printer does not come standard with power charger

M4L MOBILE THERMAL PRINTER Product Specifications



- **High Capacity 5800mAh/7.2V DC (42 W-h) Lithium-Ion Battery**
- **Rugged Industrial Design**
- **4" / 102mm per Second**
- **IP54 Certified w/Optional Case**
- **ZPL 2 and CPCL**

PRODUCT BENEFITS

- Highest battery power for continuous printing
- Multiple drops resistant up to 5 feet
- Rubber-infused rugged industrial design
- Secure WiFi and Bluetooth communication
- Large and Intuitive 4 Buttons 2" LCD display panel (256 x 128 pixels)
- Large media roll capacity for higher productivity

PRINTER SPECIFICATIONS

Print Speed	4"/101mm per second
Print Method	Direct Thermal
Resolution	203 dpi / 8 dots per mm
Print Width	2.0" (50.8mm) – 4.09" (104mm)
Printer Memory	32MB RAM / 16MB Flash Up to 4GB SD Card (Option)

MEDIA SPECIFICATIONS

Media Type	Labels, Receipts, Die-Cut, Roll-Fed and Fan-Fold
Min/Max Media Width	2.0" (50.8mm) / 4.4" (112mm)
Media Length (Min/Max)	0.5" - 90" (12.7 - 2,286mm) 1.0" - 6.0" (25.4 - 152.4mm) for Peel
Media Thickness	2.2 - 6.5 Mil (0.055 - 0.165mm)
Media Capacity	2.65" OD (67.3mm)
Media Sensing	Peel and Cover-Open
Media Handling Modes	Tear-Off, Peel-Off

PHYSICAL CHARACTERISTICS

Dimensions	6.3"W x 7.54"H x 3.11"D 160mm x 191.6mm x 79mm
Weight	2.43 Lbs. (1.1 Kg.) with Battery

PROGRAMMING PRINTER LANGUAGES (STANDARD)

ZPL 2	CPCL
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RESIDENT FONTS

8 Alpha-Numeric Bitmap Fonts, Monotype Imaging True Type Font Engine with One CG Triumvirate Bold Condensed Scalable Font

POWER REQUIREMENTS

7.2V DC (42 W-h), 5800mAh Lithium-Ion Battery, Standard (Rechargeable)

COMMUNICATION AND CONNECTIVITY/INTERFACE (STANDARD)

USB 2.0 Full Speed; Bluetooth V2.1, Class 2; WiFi 802.11 b/g/n, WEP, WPA, WPA2
WiFi Security WEP, WPA Personal/TKIP
WPA2 Enterprise: EAP-TLS, EAP-TTLS, EAP-FAST, PEAP

OPERATING ENVIRONMENT

Operating Temperature	14 to 122 F (-10 to 50 C)
Operating Humidity Range	10 to 90% Non-Condensing
Storage Temperature	-40 to 140 F (-40 to 60 C)
Storage Humidity	10 to 90% Non-Condensing
Drop Specification	5 Ft. (1.5m) / 6 Ft. (1.8m) w/Case

REGULATORY COMPLIANCES

Emissions	FCC, CE
Safety	TUV, CE
Environmental	RoHS, WEEE
IP54	w/Optional Case

BAR CODE SYMBOLOGIES

1D Barcodes	Code 11, Code 39, Code 93, Code 128UCC, Code128 Subsets A.B.C., Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-14, EAN-128, UPC-A, UPC-E, EAN and UPC2 (5) Digits, MSI, PLESSEY, POSTNET, China Post ITF14, TELEPEN, PLANET, Deutsche Post Identcode/Leitcode, LOGMARS
2D Barcodes	Code 49, PDF-417, MicroPDF-417, Maxicode, DataMatrix, QR Code, Aztec, CODABLOCK F Mode, GS1 Databar

SOFTWARE SOLUTIONS

M4L Configuration Utility	Standard
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LIMITED MANUFACTURER WARRANTY

Printer	1 Year Parts and Labor (Return to Factory)
Printhead	1 Million Inches (25km) or 12 months

OPTIONS AND ACCESSORIES

- Lithium-Ion Battery
- Vehicle Power Adapter
- IP54 Protective Case
- Velcro Belt Loop
- Shoulder Strap
- USB to RS232 Converter Cable
- AC Single-Unit Charger*
- Single 1-Battery Bay External Charger*
- Quad 4-Battery Bay External Charger*
- Heavy Duty Metal Belt Clip

* M4L Mobile Printer does not come standard with power charger

Printronic offers a wide selection of standard and custom media to ensure your thermal printer is ready for all mission critical applications. Contact your Printronic supplies reseller for Genuine Printronic Labels, or go to www.primtronix.com or call (800) 665-6210 to order today.