M4L2
MOBILE THERMAL PRINTER

CONSTANT CONNECTIVITY
HIGH-PERFORMANCE BATTERY
RUGGED DESIGN

Dual-Antenna
The M4L2 stands for power, reliability and ultimate mobility. Showcasing the industry’s first high-performance WiFi radio module with Dual-Antenna Technology, best-in-class battery life and rugged design, the M4L2 is built to improve your bottom line by increasing efficiency.

**Dual-Antenna**
- Dual-Antenna technology extends WiFi range and reduces dead spots
- Supercharged radio module increases data transmission speeds for faster label printing
- Supports frequency bands of both 2.4 GHz and 5.0 GHz for robust networking
- Compatible with 802.11 a/b/g/n standards

**High-Performance Battery**
- 11% more battery life than leading competitive models
- Powers a full work shift, even with the most demanding work load

**Rugged Design**
- Rubber-infused over-molding construction for enterprise-grade durability
- Drop-resistant from 5ft (1.5m) onto concrete surfaces
- IP54 certified with optional case protector for increased resistance to water, dust, and drop-protection up to 6ft (1.8m)
Longer Uptime, Easier Integration, and Printronix Auto ID Reliability You Can Trust.

Ready to run all shift long thanks to a long battery life, and fully compatible with other competitive models, the M4L2 is factory-ready for ZPL II® or CPCL, and connects directly to your legacy host systems and peripheral devices for quick and easy integration.

KEY FEATURES

- Dual-Antenna Technology delivers high-performance wireless connections and increased mobility.
- 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 or secure WPA2 WiFi 802.11 a/b/g/n allow for local and networked systems connections.
- Large label roll capacity reduces time lost to roll changes.

GENUINE PRINTRONIX SUPPLIES

Choose from our large selection of label media specially designed for the best M4L2 performance. Always use genuine Printronix products to get the best print quality, increase reliability, and extend your printer’s life.

PRINTRONIX AUTO ID PROFESSIONAL SERVICES

At Printronix Auto ID, our top priority is to provide our customers with solutions that keep their printers operating at optimal levels. Our M4L2 Service Programs will increase printer uptime, prevent unexpected repair costs, and ensure that your printer will be always serviced by a factory-certified, trained technician. Printronix Auto ID offers a wide variety of Depot Service offerings, designed to fit your needs.

For information on Printronix Auto ID service or maintenance, please visit: http://printronixautoid.com/ptx-pro-services.

PRINTER ACCESSORIES

- Heavy Duty Metal Belt Clip
  258236-001
- Velcro Belt Loop
  258302-001
- Shoulder Strap
  258239-001
- Forklift Mount Kit
  258290-001
- USB to RS232 Adapter
  258238-001
- Vehicle Power Adapter
  258240-001
- Lithium-Ion Battery
  258235-001
- IP-54 Case Protector (Up to 6ft Drop)
  258152-001
- AC Single-Unit Charger*
  258233-001 Americas
  258233-002 Europe
  258233-003 United Kingdom
- Single Bay Battery 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

* M4L2 Mobile Printer does not come with power charger.
M4L2 MOBILE THERMAL PRINTER

Product Benefits

- Strong and reliable wireless connections for ultimate mobility
- Highest battery power for continuous printing
- High performance 32-Bit RISC Processor
- Multiple drops resistant up to 5 feet (1.5m)
- Rubber-infused rugged industrial design
- One-Hand easy to change media
- Enterprise Grade Secure WiFi or Bluetooth
- 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"/102mm per second
- Print Method: Direct Thermal
- Resolution: 203 dpi / 8 dots per mm
- Min/Max 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, Black Mark 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)
- Media Thickness: 2.2 - 6.5 Mil (0.055 - 0.165mm)
- Media Handling Modes: Tear-Off, Peel-Off

Physical Characteristics

- Width: 6.30" (160mm)
- Height: 7.54" (191.6mm)
- Depth: 3.11" (79mm)
- Weight: 2.43 lbs (1.1 kg) with Battery

Programming Printer Languages

- ZPL II: Standard
- CPCL: Standard

Communication and Interface

- USB 2.0 Full Speed: Standard
- Optional Interfaces: WiFi 802.11 a/b/g/n or Bluetooth
- Wi-Fi Security: WEP, WPA Personal: TKIP/CCMP
- WP4: Enterprise: EAP-TLS, EAP-TTLS, PEAP, LEAP

Operating Environment

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

Regulatory Compliances

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

Battery Requirements

- 7.2V DC (41.7 Wh), 5800mAh Lithium-Ion Battery, Standard (Rechargeable)

Barcode SymboLogies

1D Barcodes:

2D Barcodes:
- Code 49, PDF-417, MicroPDF-417, Maxicode, Data-Matrix, QR Code, Aztec, CODABLOCK F Mode, GS1 Databar

Resident Fonts

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

Software Utility

- M4L2 Configuration Utility: Standard

Manufacturer Warranty

- Printer: 1 Year Parts and Labor
- Printhead: 1 Million Inches (25km) or 6 months

Options and Accessories

- Spare Lithium-Ion Battery
- Vehicle Power Adapter
- IPS4 Protective Case
- Shoulder Strap
- Velcro Belt Loop
- Forklift Mount Kit
- USB to RS-232 Converter Cable
- AC Single-Unit Charger*
- Quad 4-Battery Bay External Charger*
- Single 1-Battery Bay External Charger*
- Heavy Duty Metal Belt Clip

* M4L2 does not come with any power charger. Must order one of the printer charger.

Printrixon Auto ID offers a wide selection of standard and custom media to ensure your thermal printer is ready for all mission critical applications. Contact your Printronix Auto ID supplies reseller for Genuine Printronix Labels, go to www.printronixautoid.com to order today.

Contact your local Printronix Auto ID authorized reseller.