

# Printek Mt2 Series Mobile Printer



## Rugged, Easy to Wear, IrDA® or Bluetooth® Capable Two-Inch Mobile Thermal Receipt Printer

The Printek Mt2 is an ultra-lightweight two inch mobile thermal printer. Featuring a protective thermoelastic overmolding for extra durability, the printer is well-suited to meet the rigorous demands of mobile printing applications. Its clamshell print-head design allows for easy paper loading and its light weight makes it comfortable to wear. An integrated three-track magnetic card reader is available as an option.

The Mt2 can be used with most portable computing platforms and form factors including ruggedized notebooks and pen-pads, handheld and Palm computers operating Windows, DOS, Windows CE, Pocket PC, EPOC and Palm operating systems. When coupled with wireless enabled mobile computers, the Mt2 is perfect for point-of-service and point-of-sale applications that demand payment at the time of delivery.

### Operator Fatigue Reduced

Weighing less than 1 pound, the Mt2 is comfortable enough to wear all day.

### Quiet Operation

Low noise and power consumption make the Mt2 ideal for many portable printing applications.

### Bluetooth Option Available

A Bluetooth wireless connectivity option allows for more "natural" operation. RS-232 Serial Interface and Fast IrDA with robust optical communication are standard.

### Increased Efficiency

Easy paper loading system makes quick work of reloading paper rolls.

### More Prints Per Charge

High capacity rechargeable Li-ION battery cartridge yields over 800 prints per charge. Internal circuit charges the battery in 3 hours.

### Variety of Compatibility Choices

Graphics emulation mode and Windows 95, 98 and 2000 compatible; downloadable fonts and logos; Windows driver; prints from Windows CE, Pocket PC and from Palm O/S hosts. Compatible with EPOC O/S and SIBO O/S.

### Magnetic Card Reader Option

A three-track magnetic card reader that reads the new driver's license format is offered as an option.

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## Detailed Printer Specifications

### Accessories



Rechargeable battery is easy to remove.



Dual port Li-ION battery charger with 180 minute charge time.



Two year warranty when Printek brand media is used.



Environmental case protects printer from hazardous conditions.

### Printing Specifications

**Printing Method:** Direct thermal  
**Printing Resolution:** 203 dpi (8 dots per mm)  
**Printing Speed:** 2" (50 mm) per second maximum

### Fonts/Graphics/Symbologies

**Fonts:** 7 Courier Fonts sizes including one rotated, and downloadable fonts  
**Character Set:** ASCII International and IBM graphic sets  
**Graphic Print:** Bit addressable graphic command set; Bar codes 39,128, 2 of 5, and UPC. Downloadable graphics, logos and additional bar codes  
**Characters Per Line:** 24, 32, 38, 40, 42, 48 (s/w command)  
**Character Size:** 3x2, 3x1.5, 3x1.15, 3x1 (H x W mm)  
**Print Contrast:** Auto and user selectable

### Communications

**Interfaces:** RS232C — RJ11 type and Infrared (IrDA®) (standard), Bluetooth®  
**Baud Rate:** 2.4k, 9.6k, 19.2k, 38.4k baud  
**Fast IrDA Transfer Speed:** Up to 38.4k depending on computer capability  
**Standard IrDA Transfer Speed:** 9600 connect and transfer  
**Handshaking:** CTS/RTS and/or XON/XOFF

### Print Media

**Paper Type:** Direct Thermal Roll, use Printek high quality 25 year archival rated paper for best results.  
**Roll Size:** Maximum roll diameter 1.5" (3.8 cm), roll width 2.25" (5.7 cm).  
**Roll Capacity:** Approx. 60' (18.3 m), Approx. 120 6" long receipts.  
**Core Size:** 0.375" (9.5 mm).

### Power Management

**Power:** Removable rechargeable battery; DC input power jack for optional AC Adapter  
**Battery:** 2 cell Lithium Ion (7.4V 2200 mAh)  
**Battery Recharge:** Internal fast 180 min, fast charge with auto switch to trickle charge; spike and surge protection  
**Paper Rolls Per Charge:** >6 (over 800 6" receipts per charge)  
**Advanced Power Management:** Battery saving Auto OFF feature with adjustable delay. Sleep mode with wake on data feature (standard model)

### Operator Controls and Indicators

**Status Indicators:** 3 LEDs (2 multi-functioning) — Power/Lo Bat., Charging, Fault/MCR Ready  
**User Buttons:** 2 buttons — ON/OFF, Feed  
**Paper-out Detection:** By photo interrupter

### Physical Specifications

**W x L x D:** 4.2 x 5.4 x 2.7" (11 x 14 x 7 cm)  
**Weight:** 12 oz. (0.34 kg) empty, 16 oz. (0.44 kg) with battery

### Environmental Specifications

**Operating Temp:** 14 to 122°F (-10 to 50°C)  
**Storage Temp:** -4 to 140°F (-20 to 60°C)  
**Humidity:** Up to 90% RH (non-condensing)  
**Drop Test:** 3' to concrete  
**Agency Approvals:** FCC Class B; CE, AS/NZ 3548 Class B, CB Certified; ETL Listed, Control #3046813, Meets IP54 standard

### Memory

32kB SRAM, 256kB Flash

### Software

Windows 95, 98, 2000 and XP printer drivers; .NET support; Windows CE and Pocket PC print utility and SDK from Fieldsoftware and Bachmann Software; Palm O/S print utility and SDK from Bachmann or Stevens Creek Software

### Warranty

One-year printer warranty on the entire printer — case, battery, and print head included.

### Options and Accessories

- 3-track Simultaneous Read Magnetic Card Reader
- AC Adapter
- Spare Battery (Li-ION; 2200 mAh)
- 2-bay Fast Charger
- In-Vehicle Adapters (12V or 24V)
- Coiled Data Cable, Terminated (Db9)
- Coiled Data Cable, Unterminated
- Environmental Case
- Belt Loop System (included as standard in Basic Unit)
- Shoulder Carrying Strap

### Media

- High Quality Thermal Receipt Paper — 25 Year Archival Rating