

Printek **MtP 400** Series Mobile Printer



Rugged, Durable, Easy to Use Four-Inch Portable Thermal Printer fully integrated with your JETT® MtP 400 • MtP 400SL • MtP 400LP

The Printek **MtP 400** Mobile Thermal Printer is a rugged, four-inch portable thermal printer that's ideal for printing labels, receipts, maps, and schematics. Designed to print in any orientation, the printer can be easily transported, mounted in a vehicle or carried on a belt or shoulder.



MtP 400SL

Couple that with the printer's wide range of media options and you'll find the MtP 400 to be the perfect mobile printing partner for your needs. The **MtP 400SL** (slimline version) is a space-saving configuration which uses a convenient cut sheet paper cassette with simple drop-in loading. The pre-cut sheets present perfectly every time (i.e., minimum curling) and no tear off is required. The standard **MtP 400** model accepts a large continuous roll for a maximum number of print jobs between reloads. The **MtP 400LP** (label printer) includes enhancements such as positioning sensors to optimize printing of labels.

Customizable
 Two Technologies, Inc.® exclusively offers you the option to have custom logos, case colors and firmware for your printer. When combined with your customized JETT, it truly becomes your mobile computing solution for your customers.

High-Impact Ruggedized Printer Case
 The printer is overmolded with shock absorbing elastomer, capable of withstanding repeated 4' drops to concrete.

Long Battery Life
 A Li-ION battery pack provides enough power to print over 500 times on one charge. The battery can be recharged in about 2 hours, using the built-in charger or the easy to use external battery charger (option).

Plug and Play Compatibility
 The printer can be easily configured to emulate other

popular printer brands, making it a drop-in replacement in many applications and preserving your prior integration investment.

Downloadable Printer Drivers and Fonts
 Printer drivers and a full array of domestic and international fonts are available for FREE download at www.printek.com.

Easy to Store Setup Parameters
 Users can store up to 5 unique setup configurations in memory for ease of use or recall. Setup utilities run from your desktop computer or PDA, or you can perform setup functions from the printer control panel.

Quick Update of Fonts/Functions
 Flash memory allows quick addition of fonts and functions by simply attaching the printer to a computer.

Printek MTP 400 Series Printer



Detailed Printer Specifications

Accessories



Rechargeable battery (Li-ION, 2200mAh) is easy to remove.



Battery charger with 120 minute charge time.



Environmental case protects printer from hazardous conditions.



Media options include receipt paper and labels. Available in cassettes or rolls.

Printing Specifications

Printing Method: Direct thermal, up to 3.3 ips.

Printing Resolution: 203 dpi (8 dots per mm)

Printing Width: Up to 4.1" (10.41 cm)

Fonts/Characters/Bar Codes

Fonts: A wide range of font types and sizes, from ~6 cpi to 34 cpi depending on emulation chosen, plus scaling.

International Characters: Arab-T, Arab-S, Arab-E, Asian fonts and an expanding catalog available for download.

Bar Codes: 39, 128, Intlv 2 of 5, CODABAR, EAN08 & 13, PDF-417 and UPC, depending on emulation chosen.

Downloadable fonts, graphics, logos and additional bar codes.

Connectivity

Serial Version: RS232 (RJ11 Type)

Wireless Versions: IrDA, Bluetooth, Wireless (802.11b), Custom RF. All wireless printers also include serial port.

Software Available: Drivers for JETT product line SDK's.

Remote Printer Setup Program provides convenient configuration via a Windows interface from any computer with a serial port.

Emulations: Emulates many popular printer brands (O-Neil, Zebra CPCL and ZPL, and Printek Mt3).

Can be upgraded as new emulations become available.

Print Media

Paper Type: Direct Thermal Roll, use Printek high quality 25 year archival rated paper for best results.

Roll Size: Maximum roll diameter 2.625" (6.7 cm), allows roll widths from 3" to 4.125" (7.6 to 10.5 cm).

Roll Capacity: Approx. 171' (52.1 m), Approx. 340 6" long receipts.

Core Size: 0.75" (1.9 cm).

Cassette: (MTP 400SL only) 100 – 4" x 6" sheets.

Power Management

Battery: Rechargeable 2 cell Lithium Ion, (7.4 V, 2200mAh).

Endurance: 500 pages or more than 2000 printed inches per charge.

Recharging: 2 hours, via on-board charger or optional external charger.

Optional: 100 to 240 VAC wall adapter, 12 to 24 VDC in-vehicle adapter. When plugged in, the printer can be used while recharging the battery or can be run without the battery.

Physical Specifications

L x W x H: Slimline (cut sheet cassette only) 7.7" x 6.6" x 2.0" (19.56 x 16.76 x 5.08 cm) plus tray boot; Standard (roll media types) 7.7" x 6.6" x 3.1" (19.56 x 16.76 x 7.87 cm)

Weight: 2.2 lbs. (1.0 kg) with battery

Environmental Specifications

Operating Temp: 10° to 122°F (-12° to 50°C)

Storage Temp: -4° to 140°F (-20° to 60°C)

Humidity: 10% to 90% RH (non-condensing)

Rated IP54 per IEC 529, without optional environmental case

Operator Controls and Indicators

4 illuminated icons for general fault, wireless connection, MCR ready and battery status

2 line LCD for system alerts and messages, configuration setup and battery charge indicator

Buttons for Power, Paper Feed and setup menu navigation

Sensors for paper out, black mark detection, label gap detection and door open

Memory Capacity

2 MB Flash, 1MB SRAM. Standard memory supports large and graphic intensive print jobs.

Durability and Reliability

Survives multiple 4 foot drops to concrete (each face) and conforms to IEC 68-2

MTBF: 10,000 hours @100% duty cycle in normal use

Rated IP54 per IEC 529, without optional environmental case

Regulatory Approvals

FCC Class B, CE mark, UL listed AC adapters, E-mark on In-Vehicle adapters

Warranty

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

Options and Accessories

- AC Wall Adapter, 100 to 240 VAC.
- Mounting Systems for In-Vehicle or On-Equipment
- In-Vehicle Power Adapter, 12 to 24 VDC
- External Battery Charger
- 3-track Simultaneous Read MCR
- Shoulder Strap
- Belt Loop Attachments
- Coiled Data Cables
- Environmental Case
- Spare Batteries in Multi-Packs
- Media in Case Quantities