



The Most Reliable Portable Printers®

## PrintPAD™ Portable Thermal Printer (Symbol®-compatible)

The PrintPAD portable printer works in the most rugged environments to enable the production of hardcopy back-ups of digital information and signature printing, as well as the generation of receipts, tickets and labels for a variety of applications.

This innovative one-piece printer system consists of a 4.41 inch (11.2 cm) wide thermal printer in a rugged case and an embedded communications charging cradle designed for use in a number of different applications with a variety of Symbol hand-held computers.

### Application Functions

**Beverage & Food Sales:** Generate up to 2,240 – 6" (15 cm) receipts with graphics and logos.

**Field Service:** Print work summary reports at the point-of-service.

**Law Enforcement:** Generate citations or tickets at the roadside.

**Route Accounting & Direct Store Delivery (DSD):** Print real-time information such as inventory-level data at the customer site or in the warehouse.

**Rugged Mobile Point-of-Sale (POS):** Scan items, take credit card payment and issue a customer receipt anywhere on the premises (requires optional insertion magnetic stripe card reader).

**Proof of Delivery:** Print high-resolution signatures.

**Transportation & Logistics:** Print compliance shipping and inventory labels.

**Designed for Comfort and Ease of Use.** The PrintPAD, with integrated carry strap, is designed for maximum user comfort. PrintPAD simply "wakes up" automatically when data is received so there are no buttons or switches required for operation. After printing, PrintPAD returns to "sleep" mode to conserve battery life without any user intervention.

**Mission-Critical, Global Mobility Solutions.** Meet mobile application challenges with the PrintPAD Series one-piece printing solution. To ensure that the PrintPAD printers meet your language needs today and tomorrow, any international character set can be added.

**Rugged and Reliable.** With uncompromising standards, the PrintPAD was engineered throughout to withstand even the most punishing portable applications. It can take all the bumps and knocks inherent in the mobile workplace. Its rock solid print mechanism is proven to provide years of service where other printers fail. The full one year warranty, even on the printhead, offers peace of mind with our promise to stand behind every product we sell.



# PrintPAD™

*“Every one of the original O’Neil printers deployed six years ago is still out in the field. We’ve added units because we are growing, but we’ve never replaced any. That’s quite a testament.”*

Mr. Bob Travatello  
Chief Information Officer  
Blue Rhino, Inc.

### ▶ PrintPAD™ for Symbol® MC 9000

The newest member of the PrintPAD Family is the 9000 model, which includes three important new features. DEX capabilities are standard in the PrintPAD 9000, allowing the PrintPAD to communicate via DEX connections with no special software or mechanical switches. This elegant solution makes DEX communications fast and easy. The PrintPAD 9000’s external charge port allows the Symbol MC 9000 hand-held to be easily charged in the truck or settlement room, while the PrintPAD 9000’s external LEDs allow users to quickly determine the printer’s charge status.



# Standard Features at a Glance

- Supports Symbol® SPT 1700, PPT 2700, PPT 2800, PDT 8000, PDT 8037, PDT 8046, PDT 8056, PDT 8100 and MC 9000 (monochrome and color) hand-held computers.
- Prints 2,240 – 6" (15.2 cm) receipts on a single charge.
- Includes an 80-column font for invoice printing.
- Powered by two 2200 mAH-capacity Lithium-ion batteries with an optional AC or cigarette adapter for occasional simultaneous battery recharging in both the printer and mobile computer.
- Automatic and user-definable settings extend battery life.
- Supports international character sets, graphics and any Bitstream® font or language (for worldwide applications).
- Easy Print® protocol supports all popular bar codes, lines, boxes, graphics, system status, memory, formats and fonts.
- Supports the printing of 1D and 2D bar codes.
- Optional Insertion Magnetic Stripe and Smart Card Reader.



## PrintPAD™

## Specification Highlights PrintPAD™ Portable Thermal Printer (Symbol®-compatible)

### Physical Characteristics

#### Dimensions

PrintPAD for 1700/2700/2800	13" x 8.25" x 2.125" (33 x 21 x 5.4 cm)
PrintPAD for 8000/8046	13" x 8.25" x 2.125" (33 x 21 x 5.4 cm)
PrintPAD for 8037/8056	13" x 8.25" x 2.125" (33 x 21 x 5.4 cm)
PrintPAD for 8100	13" x 8.25" x 2.125" (33 x 21 x 5.4 cm)
PrintPAD for 9000	13.375" x 9.750" x 3.000" (34 x 24.8 x 7.6 cm)

#### Weight

PrintPAD 1700/2700/2800/8100	(printer only): 28.16 oz (0.798 kg) (with batteries & paper roll): 44.0 oz (1.247 kg)
PrintPAD for 8000/8046	(printer only): 31.05 oz (0.880 kg) (with batteries & paper roll): 43.02 oz (1.220 kg)
PrintPAD for 8037/8056	(printer only): 28.6 oz (0.811 kg) (with batteries & paper roll): 46.4 oz (1.315 kg)
PrintPAD for 9000	(printer only): 40.1 oz (1.137 kg) (with batteries & paper roll): 56.5 oz (1.602 kg)

Drop Specifications	4 ft (1.2 m) (tested with terminal)
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### User Environment

Operating Temperature	20° C to 50° C / 68° F to 122° F
Storage Temperature	-40° C to 70° C / -40° to 158° F (without hand-held computer)
Charging Temperature	5° C to 40° C / 41° F to 104° F
Relative Humidity	10% to 90% non-condensing
ESD Protection	8 kV Air, 4 kV contact

### Communications

Serial Interface	RS-232, up to 38.4k baud Standard 1700/2700/2800/8000/8037/8046/8056/8100/9000 Interface Connector
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### Print Technology

Printhead	832 dots across, 8 dots/mm, 203.2 dots/inch
Printhead Life	400,000,000 dot lines @ 25%
Print Speed	Up to 2" inches per second

### Media

Type	Direct thermal paper, labels, linerless labels (optional)
Capacity	1.5" maximum roll diameter
Width	4.41" (11.2 cm)

### Power Source

Battery	7.2V Lithium-Ion (Li-Ion), 2200 mAh (two batteries for a total of 4400 mAh)
DC Input 1	(AC Adapter) 12-15V, built-in spike and surge protection
DC Input 2	(Cigarette Lighter Adapter) 12-15V, built-in spike and surge protection

### Battery Characteristics

Type	7.2V Lithium-Ion (Li-Ion), 2200 mAh (two batteries for a total of 4400 mAh)
Endurance	13,440" or 2,240 - 6" invoices
Battery Life	80% of original capacity after 300 cycles
Printer Recharging	7-9 hours from AC adapter or cigarette lighter adapter
Hand-Held Recharging	Approximately 3 hours (depending on hand-held model) from AC adapter or cigarette lighter

### Fonts & Languages

Memory Capacity	Flash/RAM Memory: 4/1 Mbit
Available Fonts	5.5CPI, 7.2CPI, 10.2 CPI, 10.7CPI, 15.6CPI, 18.5CPI, 20.4CPI, 22.6CPI & 34.0CPI (additional fonts available)
International Characters	Arab-T, Arab-S, Arab-E, Asian-A, Asian-B, shiftJIS, Greek, OCRA, OCRB, Unicode subset including Latin & Thai (additional international characters available)
Bar Codes	Prints 1D and 2D bar codes
Graphics	Supports storage of graphics/logos in Flash memory and transient print once graphics

### Agency Approvals

FCC B, CE, C-Tick, E-Mark

### Warranty

1 year (including printer case and printhead\*)

### Options / Accessories

- 3" Spindle Bracket
- AC Adapter
- Battery
- Cable (coiled)
- Cigarette Lighter Adapter
- Cleaning Cards
- Cleaning Kit
- DC Power Extension
- DEX Cable (MC 9000 Only)
- Hand Strap
- Magnetic Stripe/Smart Card Reader
- Paper
- Shoulder Strap

\* When used with approved media grades.

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