



The Most Reliable Portable Printers®

A DOVER COMPANY



PrintPAD

PrintPAD™ Integrated Printing System (Symbol®-compatible)

The PrintPAD portable thermal 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.

The sleek design of the PrintPAD allows users to conveniently and securely carry their mobile computer, communicate with the printer, as well as charge both the mobile computer and the printer, all in a single integrated package. This innovative one-piece printer system consists of a 4.41 inch (112 mm) 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" (152 mm) receipts. Prints graphics and logos.

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

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.

Law Enforcement: Generate citations or tickets at the roadside.

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, the 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 meets 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.

Two Year Warranty. The PrintPAD's rock-solid print mechanism is proven to provide years of service where other printers fail. The full two year warranty, even on the printhead, offers peace of mind with our promise to stand behind every product we sell.

"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® MC9000-S

The PrintPAD 9000 model includes four important features. With optional Bluetooth connectivity, users can realize all the convenience, power efficiencies and cost benefits of a wireless personal area network. DEX capabilities allow the PrintPAD 9000 to communicate via DEX connections easily without the need for any special software or mechanical switches. The external charge port allows the printer and the Symbol MC9000-S 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® terminal models SPT1700, SPT1800, PPT2700, PPT2800, and MC9000-S (MC9060-S and MC9090-S).
- Optional integrated DEX/UCS port for seamless and automatic downloads/uploads and printing (PrintPAD 9000 only).
- Prints 2,240 – 6" (15.2 cm) receipts on a single charge.
- Includes an 80-column condensed 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 of both the printer and mobile computer.
- Automatic and user-definable settings extend battery life.
- Supports international character sets, and any Bitstream® bitmap font**.
- Easy Print® protocol supports all popular bar codes, lines, boxes, graphics, system status, memory, formats and fonts.
- Supports the printing of 1D bar codes and 2D symbologies.
- Optional insertion-style magnetic stripe card reader.



PrintPAD™ 9000

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

Physical Characteristics

Dimensions	
PrintPAD for: 1700/1800/2700/2800 9000-S	13" x 8.25" x 2.125" (330.2 x 209.6 x 54 mm) 13.38" x 9.75" x 3" (339.7 x 247.7 x 76.2 mm)
Weight	
PrintPAD for: 1700/1800/2700/2800 9000-S	printer only: 28.16 oz (0.798 kg) with batteries & paper roll: 44.0 oz (1.247 kg) printer only: 40.1 oz (1.137 kg) with batteries & paper roll: 56.5 oz (1.602 kg)
Drop Specification	4 ft (1.2 m) (tested with terminal)

User Environment

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

Communications

Serial	RS-232, up to 38.4k baud
Cradle	Standard 1700/1800/2700/2800/MC9000S interface connector

Bluetooth® (9000 only)	
Network Environment	Ad hoc network environments
Supported Versions	v1.2 (compatible with v1.1 devices)
DEX Port (9000 only)	DEX/UCS standard

Print Technology

Printhead	Direct thermal, 203 dots per inch (8 dots per mm), 4.10" (104 mm) print width
Printhead Warranty	2 years*
Print Mechanism Speed	2" per second (51 mm per second)

Media

Type	Direct thermal receipt paper (standard, premium, heavy duty, long-life, image protect, hi-temp, and all weather), synthetic media, UV coated media, limited label support. For optimum print quality and printer performance, use Certified O'Neil supplies.
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Capacity	
1700/1800/2700/2800	1.5" (38.1 mm) maximum roll diameter (O.D.) 0.4" (10 mm) I.D. core
9000-S	2.25" (57 mm) maximum roll diameter (O.D.) 0.4" (10 mm) I.D. core
Width	4.41" (112 mm)

Options / Accessories

- 3" Spindle Bracket
- AC Adapter
- Cigarette Lighter Adapter
- Cleaning Cards & Kits
- DB9 F Download Cable
- DC Power Extension (not for 9000)
- DEX Cable (for 9000 DEX only)
- Hand Strap
- Magnetic Stripe Card Reader
- Paper
- Settlement Room Bracket
- Shoulder Strap
- Spare Batteries
- Truck-Mount Bracket

Power Source

Battery	(2) 7.2V Lithium-ion (Li-ion), 2200 mAh (for a total of 4400 mAh)
DC Input	External DC jack, 12-15V, built-in spike and surge protection
Endurance	Serial Prints approx. 13,440* or 2,240 – 6" receipts on a single battery charge Bluetooth Prints approx. 6,900* or 1,150 – 6" receipts on a single battery charge
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 Serial: 512kB/128kB Flash/RAM Memory Bluetooth: 4 MBytes/2 MBytes
Standard Fonts	5.5CPI, 7.2CPI, 10.2 CPI, 10.7CPI, 18.5CPI 20.4CPI, 22.6CPI & 34.0CPI (additional fonts available)
Optional Characters	Arabic, Greek, Hebrew, OCR-A, OCR-B, Unicode subset including Latin & Thai (additional international characters available)
(9000 Bluetooth model only)	Asian (including Big 5, Simplified Chinese, and Shift JIS)
Bar Codes	Linear Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, Interleaved 2 of 5, MSI/Plessey, UCC/EAN-128, UPC-A, UPC-E 2D symbologies PDF417; AZTEC and QR (9000 Bluetooth model only)
Graphics	Supports storage of graphics/logos in Flash memory and transient "print once" graphics

Software

Protocol	Line Printer Mode, Easy Print®
Device Management	O'Neil Printer Management Console (OPMC) Wavelink Avalanche
Drivers	Windows CE and Desktop
Label Designers	NiceLabel, BarTender®, DP Designer

Agency Approvals

FCC B, CE, UL/cUL

Warranty

2 years (including printer case and printhead*)

* When used with approved media grades.
** Contact Technical Support for more information.

Specifications are subject to change without notice.

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