



The Most Reliable Portable Printers®

A DOVER COMPANY



PrintPAD™

PrintPAD™ MC70 Integrated Printing System

The PrintPAD MC70 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 combines an enhanced 4" wide thermal printer, the 4te, with an embedded communications charging cradle designed for use in a number of different applications with the Motorola® MC70 handheld computer.

Application Functions

Beverage & Food Sales: Generate up to 2,240 – 6" (152 mm) receipts with 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 MC70, with integrated carry strap, is designed for maximum user comfort. PrintPAD MC70 simply "wakes up" automatically when data is received so there are no buttons or switches required for operation. After printing, the unit returns to "sleep" mode to conserve battery life without any user intervention.

Mission-Critical, Global Mobility Solutions. Meet mobile application challenges with the PrintPAD MC70 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 MC70 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 MC70'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 Motorola® MC70

The PrintPAD MC70 is compatible with the MC70 handheld computer from Motorola. This elegant solution includes all the standard features of a PrintPAD on much smaller footprint. The PrintPAD MC70 features faster processing, a greater memory capacity, Bluetooth connectivity and DEX capabilities. It’s also easier to use with an external DC jack for simultaneous charging of the printer and handheld, quick release battery clamps, and external LEDs to easily determine the printer’s Bluetooth, charging and power status.



Standard Features at a Glance

- Supports Motorola models MC7004, MC7090, MC7094 hand-held computers.
- Optional integrated DEX/UCS port for seamless and automatic downloads/uploads and printing.
- Advanced 32-bit architecture RISC processor, external LED status indicators, quick release battery clamps and optional Bluetooth® connectivity.
- Prints up to 2,240 – 6" (152 mm) 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 external DC jack for simultaneous charging 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 integrated, streamlined magnetic swipe card reader.



PrintPAD™ MC70

Specification Highlights PrintPAD™ MC70 Portable Thermal Printer

Physical Characteristics	
Dimensions	11.8" x 7.5" x 2.4" (298 x 191 x 61mm)
Weight	printer only: 2.4 lbs (1.09 kg) with batteries, paper, and handheld: 3.8 lbs (1.72 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° F 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-232 460.8 kbps
Cradle	Standard MC70 interface connector
Bluetooth®	v1.2 (compatible with v1.1 devices)
DEX Port	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, labels. For optimum print quality and printer performance, use Certified O'Neil supplies.
Capacity	2.25" (57 mm) maximum roll diameter (O.D.) 0.4" (10 mm) I.D. core
Width	4.41" (112 mm)
Options / Accessories	
<ul style="list-style-type: none"> • 3" Spindle Bracket • AC Adapter • Cigarette Lighter Adapter • Cleaning Cards & Kits • DB9 F Download Cable • DC Power Extension Cable • DEX Cable 	<ul style="list-style-type: none"> • 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	4 hours from AC adapter or cigarette lighter adapter
Fonts & Languages	
Memory Capacity	Flash/RAM Memory: 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, Asian (including Big 5, Simplified Chinese, and Shift JIS), Greek, Hebrew, OCRA, OCRB, Unicode subset including Latin & Thai (additional international characters available)
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 AZTEC, PDF417, QR
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)
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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World Headquarters

O'Neil Product Development
8 Mason, Irvine, CA 92618-2705

Ph: 949.458.0500

Fx: 949.458.0708

email: info@oneilprinters.com

WWW.ONEILPRINTERS.COM

