



The Most Reliable Portable Printers®

A DOVER COMPANY

## PrintPAD™ Integrated Printing System (Hand Held Products™-compatible)

The PrintPAD 7900 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 the Hand Held Products Dolphin® 7900 Mobile Computer.

### 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 7900, with integrated carry strap, is designed for maximum user comfort. PrintPAD 7900 simply "wakes up" automatically when data is received so there are no buttons or switches required for operation. After printing, the PrintPAD 7900 returns to "sleep" mode to conserve battery life without any user intervention.

**Mission-Critical, Global Mobility Solutions.** Meet mobile application challenges with the PrintPAD 7900 integrated printing solution. To ensure that the PrintPAD 7900 meets your language needs today and tomorrow, any international character set can be added.

**Rugged and Reliable.** With uncompromising standards, the PrintPAD 7900 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.



*"We have been very pleased with the O'Neil product and have seen a failure rate of less than one percent since inception. Reliability is very important to this system."*

Mr. Matt McGary  
Consumer Technology Business Analyst  
Chicago Tribune

### ► PrintPAD for Hand Held Products™ Dolphin® 7900

The PrintPAD 7900 combines O'Neil's 4" thermal printer with an integrated cradle for Hand Held Products' Dolphin 7900 Mobile Computer. PrintPAD 7900 offers mobile workers the convenience of a portable printer and handheld computer united in a single reliable unit. This rugged solution contains an optional external DEX communication port for transmission of data between the Dolphin 7900 and the delivery store's stock database. Easy access to the DEX connection makes PrintPAD 7900 an ideal solution for route accounting or DSD; especially within the retail food industry.



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# Standard Features at a Glance

- Supports Hand Held Products™ Dolphin® 7900
- Optional integrated DEX/UCS port for seamless and automatic downloads/uploads and printing.
- 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 simultaneous battery recharging in both the printer and mobile computer.
- External charge port for easy recharging in the truck or settlement room
- 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™ 7900

### Specification Highlights PrintPAD™ 7900 (Hand Held Products™ -compatible)

Physical Characteristics	PrintPAD 7900	PrintPAD 7900 SCR
Dimensions:	13.37" x 9.75" x 3" (339.6 x 247.7 x 76.2 mm)	13.37" x 9.75" x 3.75" (339.6 x 247.7 x 95.3 mm)
Weight (printer only)	41.4 oz (1.17 kg)	45.7 oz (1.29 kg)
Weight (w/ batteries & paper)	57.7 oz (1.63 kg)	60 oz (1.7 kg)

Drop Specification	4 ft (1.2 m) (tested with terminal)
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#### 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, up to 38.4k baud
Cradle	Standard Dolphin 7900 interface connector
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, limited label support. 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

• 3" Spindle Bracket	• Hand Strap
• AC Adapter	• Magnetic Stripe Card Reader
• Cigarette Lighter Adapter	• Paper
• Cleaning Cards & Kits	• Settlement Room Bracket
• DB9 F Download Cable	• Shoulder Strap
• DEX Cable	• Spare Batteries

#### 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	Prints approx. 13,440" or 2,240 – 6" receipts on a single battery charge
Printer Recharging	7-9 hours from AC adapter or cigarette lighter adapter
Hand-Held Recharging	3.25 hours from AC adapter or cigarette lighter

#### Fonts & Languages

Memory Capacity	Flash/RAM Memory: 512kB/128kB
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 (incl 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	PDF417
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
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#### Warranty

2 years (including printer case and printhead*)
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\* When used with approved media grades.

\*\* Contact Technical Support for more information.

Specifications are subject to change without notice.

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