



The Most Reliable Portable Printers.

## LP3™ Portable Thermal Label Printer

The retail floor is no place for downtime. Constantly reloading labels or paper, or getting a flashing low battery light in the middle of a markdown is simply unacceptable.

The new LP3 3" wireless portable label printer from O'Neil delivers greater paper capacity, longer battery life and a range of wireless connectivity options for the retail and manufacturing marketplace. And of course, the reliability O'Neil is known for around the globe.

**Greater Paper Capacity.** The LP3 offers almost twice the paper capacity of any printer in its class. It prints from 1" to 3" label stock and can accommodate a wide variety of labels and paper, including the heavy stock necessary for hang tags and other specialty label needs. The LP3's side-load design allows for the fastest and easiest paper loading of any printer on the market. Users simply slide the roll into the printer, pop on the end-cap, and the paper is loaded quickly and trouble-free.

**Greater Battery Power.** The LP3 uses two standard 7.2V Lithium-Ion (Li-Ion), 2200 mAH rechargeable batteries, providing twice the power capacity available from competitive printers. This eliminates the need for constant recharging between applications and in the middle of shifts. This is important for all applications and especially critical for battery-intensive wireless environments.

**Built-In Battery Charging.** When it comes to batteries and battery charging, the LP3 offers yet another significant benefit. Competitive printers use expensive

proprietary batteries, incorporating the electronics or "intelligence" necessary for quick-charging into the battery itself. The electronics for quick charging in the LP3 are built-in to the printer, not the battery, thus eliminating the need to purchase a substantially higher-priced battery. Since all rechargeable batteries have a limited life and must be replaced, this becomes a considerable recurring costly and unnecessary expense to the user. The only accessory required for charging the LP3 is a low cost AC adapter.

**Complete Line of Media and Supplies.** O'Neil offers a complete line of supplies for the LP3. Our Certified Label Supply Program ensures optimum, trouble-free performance from the LP3 and guarantees the highest quality print output and image stability. Choose from in-stock labels or customize media to your specifications.

**Rugged and Reliable.** With uncompromising standards, the LP3 is engineered throughout to endure even the most punishing portable applications. It can take all the bumps and knocks inherent in the mobile workplace by withstanding multiple 4' drops to concrete. 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 proven promise to stand behind every product we sell.



***“The new LP3 3" wireless portable label printer from O'Neil Product Development meets the requirements for the retail and manufacturing marketplace by providing almost twice the paper capacity and twice the battery power of comparable printers as well as a full range of wireless printing capabilities.”***

Vertical Systems Reseller

### ► Unmatched Wireless Printing

The LP3's wireless backbone allows retail environments to leverage their significant investments in 802.11 frequency-hopping infrastructures. The LP3 offers unmatched wireless options by supporting user-installable PCMCIA 802.11 or 802.11b radio cards, as well as Bluetooth® version 1.1 and 1.2-compliant modules.



# Standard Features at a Glance

- Optional wireless local area network (WLAN) or wireless personal area network (WPAN) networking technologies.
- Built from the ground up on an 802.11 wireless platform.
- Twice the paper and battery capacity of competitive label printers.
- Supports the printing of 1D and 2D bar codes.
- Supports international character sets, graphics and any Bitstream® font or language (for worldwide applications).
- Easily transported by durable hand or shoulder strap
- Powered by two 2200 mAh-capacity Lithium Ion (Li-Ion) batteries with an optional AC or cigarette lighter adapter.



## Specification Highlights LP3 Portable Thermal Label Printer

### Physical Characteristics

Dimensions	6.20" x 5.17" x 7.86" (15.7 x 13.1 x 20 cm)
Weight (printer only)	39.9 oz (1.131 kg)
Weight (with batteries & paper roll)	63.5 oz (1.800 kg)
Drop Specification	4 ft (1.22 m)

### User Environment

Operating Temperature	-20° C to 50° C / -4° F to 122° F
Storage Temperature	-40° C to 70° C / -40° F to 158° F
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

<b>Serial</b>	RS-232, up to 115.2k baud
<b>Wireless LAN</b>	Cisco® Aironet® 350 Series PC Card (PCMCIA) Symbol® Spectrum24® LA 4121 (PCMCIA)
Frequency Band	2.4 to 2.4897 GHz
Data Rates	1, 2, 5.5 and 11 Mbps
Network Standard	IEEE 802.11b
Network Architecture Types	Infrastructure and ad hoc
Wireless Medium	Direct Sequence Spread Spectrum (DSSS)
Authentication	Open or Shared key
Encryption	None, 40 bit, 128 bit WEP
DHCP	Supported
DNS	Supported
<b>Wireless PAN</b>	Integrated Bluetooth module
Network Environment	Ad hoc or piconet network environments
Protocol	Supports version 1.1 and 1.2 of the Bluetooth standard (SIG certified)

### Print Technology

Printhead	576 dots across, 8 dots/mm, 203.2 dots/inch
Printhead Life	Pulse Life 1 x 108 pulses, Abrasion Life 50 km
Print Speed	Up to 2" per second
Width	72.0 mm ± 0.2 mm

### Media

Type	Direct thermal paper and lined labels
Capacity	3.50" maximum roll diameter 1.0" inner core diameter
Width	1" to 3" (2.5 to 7.6 cm), Intergap varies

### 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
Endurance	Prints approx. 5,700 TMarkdown labels
<b>Continuous</b>	Prints approx. 1,400 - 3" x 2.5" labels on a single battery charge
<b>Radio Ready</b>	Prints approx. 1,430 - 3" x 2.5" labels on a single battery charge
<b>Bluetooth</b>	Prints approx. 1,180 - 3" x 2.5" labels on a single battery charge
<b>802.11b</b>	Prints approx. 1,180 - 3" x 2.5" labels on a single battery charge
Battery Life	56% of original capacity after 500 cycles
Recharging	4-5 hours from AC adapter or cigarette lighter adapter LED Indicators for Charging Status

### Fonts & Languages

Memory Capacity	1MB, ± 600k free for fonts and graphics
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

### User Interface

Power Button	Power button turns printer on and off and has an LED indicator for power status
Charge Gauge	Battery gauge indicates battery life when power is on, charging status when charging, as well as charging errors in red, orange and green
Feed Button	Feed button feeds media forward to next top of form and indicates paper/sensor errors in red
Radio Button	Radio button turns radio on or off manually, indicates by flashing blue to radio on, also can be set for radio range

### Agency Approvals

FCC B, CE, C-Tick
-------------------

### Warranty

1 year (including printer case and printhead*)
--

### Options / Accessories

• AC Adapter	• Data Cables for Hand-Held Devices
• Battery	• DB9 F Cable (coiled)
• Cigarette Lighter Adapter	• Dual External Battery Charger
• Cleaning Cards	• Hand Strap
• Cleaning Kit	• Paper/Labels

\* When used with approved media grades.

LP3™ is a trademark of O'Neil Product Development, Inc.

Specifications are subject to change without notice. All product and company names are trademarks, service marks or registered trademarks of their respective owners.

Copyright 2005, O'Neil Product Development, Inc.  
Rev. 1 1/05 Made in the U.S.A.



### World Headquarters

O'Neil Product Development  
8 Mason  
Irvine, CA 92618-2705  
Ph: 949.458.0500  
Fx: 949.458.0708

### AustralAsia

1/8 Railway Terrace  
Dutton Park QLD 4102  
Australia  
Ph: +61 7 3255 3360  
Fx: +61 7 3255 3365

### EMEA

6 Joplin Court, Crown Hill  
Milton Keynes MK8 0JP  
United Kingdom  
Ph: +44 (0) 1908 635360  
Fx: +44 (0) 1908 635361

email: [info@oneilprinters.com](mailto:info@oneilprinters.com)

[WWW.ONEILPRINTERS.COM](http://WWW.ONEILPRINTERS.COM)