



The Most Reliable Portable Printers®

A DOVER COMPANY



LP3™ Wireless 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 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 and 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, eliminating the need to purchase a substantially higher-priced battery or recharging station. Since all rechargeable batteries have a limited life and must be replaced, this becomes a considerable recurring cost 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.

Two Year Warranty. The LP3'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 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 capabilities allow retail environments to leverage their significant investment in existing infrastructure by offering a variety of wireless connectivity options. The LP3 is available with an optional built-in 802.11b/g or integrated Bluetooth® version 1.2 compliant module.



Standard Features at a Glance

- Optional 802.11b/g or Bluetooth® networking technologies.
- Twice the paper and battery capacity of competitive label printers.
- Label presenter for quick and easy peel-and-apply.
- Comes with the industry's only standard two-year warranty - twice that of the competition!
- Accommodates variable media (1" to 3") including lined labels, paper and hang tags.
- Supports the printing of 1D bar codes and 2D symbologies.
- Supports international character sets, graphics and any Bitstream® bitmap font**.
- Easily transported by durable hand or shoulder strap.
- Powered by two 2200 mAh-capacity Lithium ion (Li-ion) batteries with an optional AC adapter or cigarette lighter adapter for recharging.



LP3™

Specification Highlights LP3™ Portable Thermal Label Printer

Physical Characteristics													
Dimensions	6.2" x 5.17" x 7.86" (157.5 x 131.3 x 199.6 mm)												
Weight (printer only)	39.9 oz (1.13 kg)												
Weight (w/ batteries & paper roll)	63.5 oz (1.80 kg)												
Drop Specification	4 ft (1.22 m)												
User Environment													
Operating Temperature	-4° F to 113° F (0° C to 45° C)												
Storage Temperature	-40° F to 158° F (-40° C to 70° C)												
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												
802.11b/g													
Frequency Band	2.4 to 2.4897 GHz												
Data Rates	Standard 802.11b/g rates												
Network Standard	IEEE 802.11b/g												
Wireless Access Modes	Infrastructure and ad hoc												
Security Protocols	40 bit WEP, 128 bit WEP, LEAP												
	<table border="1"> <thead> <tr> <th></th> <th>WPA</th> <th>WPA2</th> </tr> </thead> <tbody> <tr> <td>Modes</td> <td>PSK/Enterprise</td> <td></td> </tr> <tr> <td>Security/Encryption</td> <td>TKIP/RC4</td> <td>CCMP/AES</td> </tr> <tr> <td>Authentication</td> <td colspan="2">EAP-FAST, EAP-PEAP, EAP-TTLS</td> </tr> </tbody> </table>		WPA	WPA2	Modes	PSK/Enterprise		Security/Encryption	TKIP/RC4	CCMP/AES	Authentication	EAP-FAST, EAP-PEAP, EAP-TTLS	
	WPA	WPA2											
Modes	PSK/Enterprise												
Security/Encryption	TKIP/RC4	CCMP/AES											
Authentication	EAP-FAST, EAP-PEAP, EAP-TTLS												
Network Support	DHCP, TCP, UDP, BOOTP												
Remote Management Support	Compatible with the O'Neil Printer Management Console and other remote management systems												
Bluetooth®													
Network Environment	Ad hoc or piconet network environments												
Supported Versions	v1.2 (compatible with v1.1 devices)												
Print Technology													
Printhead	Direct thermal, 203 dots per inch (8 dots per mm), 2.84" (72 mm) print width												
Printhead Warranty	2 years*												
Print Mechanism Speed	2" per second (51 mm per second)												
Media													
Type	<table border="0"> <tr> <td>Labels</td> <td>0.75" - 3" lined labels w/ Q-mark or gap sensing</td> </tr> <tr> <td>Paper</td> <td>Direct thermal receipt paper (standard, premium, heavy duty, long-life, image protect, hi-temp, and all weather), synthetic media, UV coated media</td> </tr> <tr> <td>Hang Tags</td> <td>2" hang tags</td> </tr> </table>	Labels	0.75" - 3" lined labels w/ Q-mark or gap sensing	Paper	Direct thermal receipt paper (standard, premium, heavy duty, long-life, image protect, hi-temp, and all weather), synthetic media, UV coated media	Hang Tags	2" hang tags						
Labels	0.75" - 3" lined labels w/ Q-mark or gap sensing												
Paper	Direct thermal receipt paper (standard, premium, heavy duty, long-life, image protect, hi-temp, and all weather), synthetic media, UV coated media												
Hang Tags	2" hang tags												
For optimum print quality & printer performance, use Certified O'Neil supplies.													
Capacity	3.5" (88.9 mm) maximum roll diameter (O.D.) 1" (25.4 mm) I.D. core												
Roll Width	1" - 3" (25.4 mm - 76.2 mm)												
Thickness	0.002" (0.05 mm) minimum 0.007" (0.18 mm) maximum												

Power Source					
Batteries	(2) 7.2V Lithium-ion (Li-ion), 2200 mAh (for a total of 4400 mAh)				
DC Input	12-15V, built-in spike and surge protection				
Endurance	<table border="0"> <tr> <td>802.11b/g</td> <td>Prints approx. 8,760 - 2" x 1.125" labels on a single battery charge (36.5 hours)</td> </tr> <tr> <td>Bluetooth</td> <td>Prints approx. 13,392 - 2" x 1.125" labels on a single battery charge (55.8 hours)</td> </tr> </table>	802.11b/g	Prints approx. 8,760 - 2" x 1.125" labels on a single battery charge (36.5 hours)	Bluetooth	Prints approx. 13,392 - 2" x 1.125" labels on a single battery charge (55.8 hours)
802.11b/g	Prints approx. 8,760 - 2" x 1.125" labels on a single battery charge (36.5 hours)				
Bluetooth	Prints approx. 13,392 - 2" x 1.125" labels on a single battery charge (55.8 hours)				
Recharging	4-5 hours from AC adapter or cigarette lighter adapter LED indicator for charging status				
Fonts & Languages					
Memory Capacity	Flash Memory: 4 MBytes Ram Memory: 2 MBytes				
Standard Fonts	5.5CPI, 7.2CPI, 10.7CPI, 18.5CPI 20.4CPI & 22.6CPI (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	<table border="0"> <tr> <td>Linear</td> <td>Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, Interleaved 2 of 5, MSI/Plessey, UCC/EAN-128, UPC-A, UPC-E</td> </tr> <tr> <td>2D symbologies</td> <td>AZTEC, PDF417, QR</td> </tr> </table>	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
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), Wavelink Avalanche				
Drivers	Windows CE and Desktop				
Label Designers	NiceLabel, BarTender®, DP Designer				
Software Development Kit	BlackBerry				
Agency Approvals					
FCC B, CE, UL/cUL					
Warranty					
2 years (including printer case and printhead*)					
Options / Accessories					
<ul style="list-style-type: none"> • AC Adapter • Cigarette Lighter Adapter • Cleaning Cards and Kits • Data Cables for Hand-Held Devices • DB9 F Download 	<ul style="list-style-type: none"> • Dual External Battery Charger • Paper/Labels • Shoulder Strap • Spare Batteries 				

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

Specifications are subject to change without notice.

LP3™ and Easy Print® are trademarks of O'Neil Product Development, Inc. All other product and company names are trademarks, service marks or registered trademarks of their respective owners.

Copyright 2008, O'Neil Product Development, Inc.
rev. 7/08 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
email: info@oneilprinters.com

WWW.ONEILPRINTERS.COM