



The Most Reliable Portable Printers.

A DOVER COMPANY



OC3

The OC™ The O'Neil Compact™ Serial & Wireless Portable Thermal Printer

The O'Neil Compact™ - the OC™, is the world's most streamlined, light weight, and ergonomic family of portable label and receipt printers. Designed especially for those labeling and transaction applications where ergonomic considerations, ultimate portability, and smart looks are paramount, the OC is ideal for a wide variety of mission-critical applications.

The OC3 prints label and receipt media up to 3 inches wide. Its streamlined design (35% smaller than the closest competition) and light weight makes it ideal to meet the continually expanding requirements associated with retail, hospitality, transportation, and field sales and services applications. The advanced features standard with the OC3 offer extreme adaptability to meet the unique and industry specific portable printing requirements demanded in today's evolving business environment. These features include 802.11b/g or Bluetooth® networking capabilities, high print quality, Flash memory, intelligent power management, and font and language flexibility.

Retail. The OC3 is ideal for printing price and markdown labels and for printing shelf labels via wireless LAN. Use the OC3 for mobile point-of sale and line/queue-busting where it can print receipts and take payments with its integrated magnetic stripe card reader. And because of its sleek styling and good looks, the OC3 is at home in any retail environment.

Hospitality. Let the OC3 eliminate long lines and improve your customer service with mobile check-in and check-out. In the restaurant environment, the OC3 is perfect for order-taking at tableside. The integrated magnetic stripe card reader allows you to quickly take payments and issue receipts on the spot.

Healthcare. With the OC3, healthcare facilities and pharmacies can print labels for medications, patient charting, and specimen identification.

Law Enforcement. The OC3 is ideal for citation issuance to replace manual tickets.

Distribution and Transportation. The OC3 can print bar code labels for pallets and deliveries. Create and issue

boarding passes for passenger check-in. During in-flight meal service and shopping, let the OC take payment and issue receipts.

Field Sales and Service. Improve efficiency and customer service with the OC3's mobile receipt printing and transaction processing capabilities.

Outstanding Print Quality. The OC3's reliable print mechanism offers outstanding print clarity, allowing the printing of graphics, bar codes and logos. Its full two-year warranty, even on the printhead, offers peace of mind with our promise to stand behind every product we sell.

Wireless Printing. When wireless is a necessity, count on O'Neil to offer the most reliable solution. Our integrated 802.11b/g module connects the OC3 to your wireless network. Our Bluetooth® module offers the convenience of a wireless personal area network, eliminating the need for mobile workers to return to their vehicle to print receipts or tickets. O'Neil was the first portable printer manufacturer to incorporate the Bluetooth protocol in Flash memory, eliminating the need for costly software and hardware upgrades whenever the wireless specification changes.

Power to Spare. The OC3's Lithium-ion battery offer maximum power capacity for a full 10+ hour shift, even under the toughest conditions. It can print as many as 5,304 - 2" x 1.125" labels, on a single battery charge. Its automatic "sleep" mode saves power and the fast 3.5/4.5-hour recharging time, along with optional vehicle charger, provides an ideal solution for long and intense printing applications.

Flash Memory. As business changes, so might your printer needs. We pioneered the use of Flash memory many years ago allowing you to change fonts and functions simply by connecting the printer to a computer. There is no need to return the printer for an upgrade.

We Speak Your Language. Any Language. O'Neil has eliminated the font and character limitations found in other printers. In cooperation with Bitstream® fonts, any international character set can be added to the OC3 with a one-time minimal setup fee.

“When the decision was made to begin our handheld project the supplier options were numerous, but the decision was easy...it was O'Neil all the way. And I'm pleased to report that O'Neil has far exceeded our expectations.”

Matthew McGary
Chicago Tribune

▶ Wireless 802.11b/g or Bluetooth®

An embedded 802.11b/g module connects the OC printer to a wireless network in peer-to-peer or infrastructure mode and complies with the IEEE 802.11b/g interoperability standards for direct sequence wireless local area networks. When the printer is configured with the integrated Bluetooth module, users can realize all of the convenience, power efficiencies and cost benefits of a wireless personal area network.



▶ 2-Year Standard Warranty

O'Neil offers the industry's only two-year standard warranty - twice that of the competition. In an industry where standard warranties offer only one year or less of coverage, O'Neil's two-year warranty not only doubles your protection but also drastically reduces your total cost of ownership.

Standard Features at a Glance

- Optional 802.11b/g or Bluetooth® networking technologies.
- Designed to be approximately 35% smaller in total volume than the closest competitive label printer
- Advanced 32-bit architecture RISC processor for light-speed processing.
- Comes with the industry's only standard two-year warranty - twice that of the competition!
- Supports a wide variety of hand-held computers from leading manufacturers.
- Accommodates variable media (1" to 3") including lined labels, paper and hang tags.
- Exceptional print quality (203 dpi resolution).
- Fonts, graphics and operating system in Flash memory.
- Supports international character sets and any Bitstream® bitmap font**.
- Supports the printing of graphics, 1D and 2D bar codes and signature capture.
- Intelligent power management and programmable sleep mode for extended battery life.
- Charging options include a low cost AC adapter or 12V vehicle cigarette lighter adapter.
- Swivel belt clip included; optional swipe-style magnetic stripe card reader.



OC3

Specification Highlights OC3 Serial & Wireless Portable Thermal Printer

Physical Characteristics													
Dimensions	6.54" x 4.906" x 2.75" (166.12 x 124.61 x 69.85 mm)												
Weight	21.41 oz (0.61 kg) - printer only 27.68 oz (0.78 kg) - printer, paper & battery												
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)												
Charging Temperature	41° F to 104° F (5° C to 40° C)												
Relative Humidity	10% to 90% non-condensing												
ESD Protection	15 kV Air, 8 kV contact												
Communications													
Serial	RS-232, 460.8 kbps												
802.11b/g													
Frequency Band	2.4 to 2.4897 GHz												
Data Rates Supported	Standard 802.11b/g rates												
Network Standard	IEEE 802.11b/g												
Network Architecture Types	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 colspan="2">PSK/Enterprise</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 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	Labels 0.75" - 3" lined labels with O-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	2.25" (57 mm) maximum roll diameter (O.D.) 0.4" (10 mm), 0.75" (19 mm), or 1" (25 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												

* When used with approved media grades.

** Contact Technical Support for more information.

Specifications are subject to change without notice.

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rev. 7/08 Made in the U.S.A.



Power Source	
Battery	(1) 7.2V Lithium-ion (Li-ion), 2200 mAh
DC Inputs	External DC jack, 12-15V, built-in spike and surge protection External charge contacts, 12-15V, built-in spike and surge protection
Endurance	802.11b/g Prints approx. 2,544 - 2" x 1.125" labels on a single battery charge (10.6 hours) Bluetooth Prints approx. 5,304 - 2" x 1.125" labels on a single battery charge (22.1 hours)
Recharging	3.5-4.5 hours from AC adapter or cigarette adapter
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	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 printhead*)	
Options / Accessories	
• AC Adapter	• DB9 F Cable (coiled)
• Charging cradle - single	• External Battery Charger
• Charging cradle - 4 or 5 bay with dual bay battery charger	• Magnetic Swipe Card Reader
• Cigarette Lighter Adapter	• Paper/Labels
• Cleaning Cards & Kits	• Spare Batteries
• Data Cables for Hand-Held Devices	• Swivel-Mount Shoulder Strap

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