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

OC3

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 batteries 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 hand-held 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 linered 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 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
Wireless Medium	Direct Sequence Spread Spectrum (DSSS)
Authentication	Open or Shared key
Security Protocols	40 bit WEP, 128 bit WEP, WPA, LEAP, EAP-FAST, plus others available
Network Support	DHCP
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" linered labels with 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	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

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)
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
- Charging cradle – single
- Charging cradle – 4 or 5 bay with dual bay battery charger
- Cigarette Lighter Adapter
- Cleaning Cards & Kits
- Data Cables for Hand-Held Devices
- DB9 F Cable (coiled)
- External Battery Charger
- Magnetic Swipe Card Reader
- Paper/Labels
- Smart Card Reader
- Spare Batteries
- Swivel Belt Loop
- Swivel-Mount Shoulder Strap

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

Specifications are subject to change without notice.

O'Neil Compact™, OC™, 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.

❋ Bluetooth®