Canon

LG-P800 PIGMENT-BASED INKJET LABEL PRINTER

HIGH-MIX, VERSATILE, FULL-COLOR LABEL PRINTING

Canon's LG-P800 8" pigment-based color inkjet label printer is designed for printing high-quality labels with reliable performance. The pigment-based inks help provide labels for a wide range of business applications. The impact of color can help you as you grow your business, including as part of your brand recognition strategy. Canon's LG-P800 can help you with efficient operations.

WIDE VARIETY OF USES

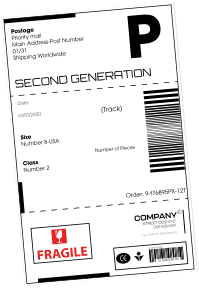
The LG-P800 printer is designed to handle a diverse range of labeling needs, including food and beverage[1], cosmetics, home goods, product packaging, product identification, inventory, shipping, retail, horticulture and more. Its pigment inks are formulated to resist water, smudging, and fading[2], making the labels suitable for various environments. Additionally, the ability to print on-demand can help reduce storage needs and waste by allowing users to print the quantity required—whether for a single sample or a large production run.

EASY TO USE

The LG-P800 printer is equipped with a 4.3-inch LCD touch panel for a great user experience, making it easy to check the printer status and adjust settings. Automatic paper type detection helps so the optimal print settings are applied. The LG-800 has a built-in auto-cutter for workflow efficiency. Equipped with a 500GB HDD, users can easily reprint stored jobs directly from the printer without accessing a PC.

HIGH-QUALITY IMAGES

With up to 1200 x 1200 dpi resolution, the LG-P800 is designed to deliver clear variable data, barcodes, QR codes, and graphics on both matte and gloss inkjet-compatible media[2] 2" - 8.5" wide, along with full edge-to-edge printing. This helps support professional-looking labels.



FLEXIBLE MEDIA ADAPTABILITY AND POWERFUL PERFORMANCE

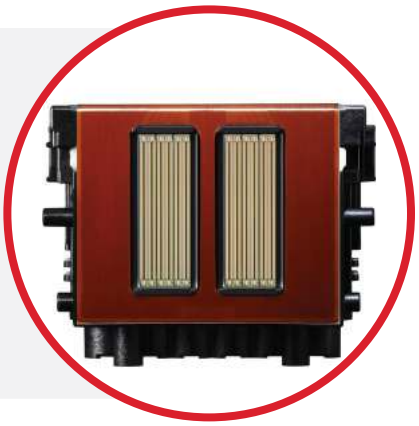
The LG-P800 printer is designed to handle a wide variety of label sizes and materials. The Media Configuration Tool (MCT) allows users to easily configure settings for the different media types.

SUB-INK TANK SYSTEM

The sub-ink tank system is designed to enable printing with minimal interruptions, helping users to maintain productivity. It allows virtually all the available ink in a tank to be used before having to replace it, helping to limit wasted ink. The ink tanks can also be replaced on-the-fly, without stopping the printer. This can be extremely useful during long print runs.

NON-FIRING NOZZLE DETECTION AND COMPENSATION

Ink ejection conditions are precisely checked with sensors, and when a blockage is detected, another nozzle automatically provides backup. In addition to helping limit printing failures due to banding, this technology is also designed to help reduce the frequency at which printhead cleaning and replacement is required.



ENVIRONMENT IN MIND

The LG-P800 label printer enables on-demand label production, which can help reduce excess inventory and minimize material waste. It also meets ENERGY STAR®[3] guidelines for energy efficiency.

CUSTOMER CARE

For investment protection, eCarePAK extended service plan[4] options are available beyond the initial two year on-site limited warranty period. An eCarePAK extended warranty can help save on costs associated with post-purchase maintenance and help maximize uptime throughout the product life.

TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS

Print Method	Pigment-based Inkjet
Ink Cartridges	4 (1 x Black, 1 x Cyan, 1 x Magenta, 1 x Yellow)
Print Resolution	Up to 1200 x 1200 dpi
Number of Nozzles	Magenta/Black/Yellow/Cyan: 2,560
Max Print Speed[5]	
First Print Out Time	13.6 sec or less
Default Print Speed	Matte Coated: Standard 14.0 mm/sec, Fine 7.3 mm/sec, Fast 26.1 mm/sec
Print Speed Range	7.3 - 47.0 mm/s
Supported Media Types	Label Roll Media (with Roll Holder), Fanfold Media (IJ Coated: Matte or Glossy)
Supported Media Format	Label Roll Media (with Roll Holder), Fanfold Media
Media Capacity	
Roll Media:	Outer Diameter: Up to 6.0 inch (152.4 mm), Core/Inner Diameter: 3.0 inch ± 0.04 inch (76.2 ± 1.0 mm)
Fanfold Media:	Media Height: Up to 11.8 inch (300 mm)
Media Size & Thickness	
Media Size:	Width: 2.0 - 8.5 inch (50.9 - 216.0 mm) Including Liner Length: 1.5 - 53.0 inch (38.1 - 1,346.20 mm)
Media Thickness:	5.0 mil - 8.5 mil (0.1 - 0.2 mm)
Maximum Printable Area	Width: Up to 8.61 inch (215.9 mm) Length: Up to 53.62 inch (1343.2 mm)
Minimum Margin	Top/Bottom: 118.1 mil (0.12 inch) (3.0 mm) Left/Right: 59.1 mil (0.06 inch) (1.5 mm)
Product Life	2.3 Million Sheets or 5 Years

INK & MAINTENANCE CARTRIDGE INFORMATION

Cartridge Fill Volume	Black / Cyan / Magenta / Yellow: 10.1 oz (300 ml)
Maintenance Cartridge Info & Fill Volume	WT-X801 Maintenance Cartridge : 12.2 oz (360 ml)

GENERAL

Control Panel	4.3 inch LCD touch panel
Connectivity/Interface	USB2.0 Hi-speed, 1000BASE-T/100BASE-TX/10BASE-T
OS Compatibity[6]	Windows 11, Windows Server 2016, 2019, 2022, 2025 Standard
Operating Environment	
Temperature	Operating temperature range: 41-95 °F (5-35 °C); Guaranteed print qualty is ensured between 59-86 °F (15-30 °C)
Humidity	10 - 90% RH (Non-Condensing) Guaranteed print qualty is ensured between 10 - 80% RH
Chemical Safety	TSCA, OSHA HCS
Power Consumption	
Operating	Approx. 53W
Sleep Mode	Approx. 1.9W
Off	Approx. 0.1W
Electrical	AC 100-240V, 50/60Hz
Acoustic Information[7]	
Operating Noise (Max.)	55 dB or less
Standby Noise	35 dB or less
Warranty[4]	One-year warranty including printhead
Dimensions & Weight	22.5" (W) x 29.4" (D) x 17.2" (H); 79.4 lbs. (36 kg)
Box Contents	Printer Roll holder Printhead Starter ink tanks (C, M, Y, Bk) Power cord Installation guide Maintenance cartridge Important safety instructions Warranty sheet Adjustment paper (5 sheets)

PRINTER INFORMATION

MODEL NUMBER	DESCRIPTION	ITEM NUMBER
LG-P800	Pigment-Based 8” Inkjet Label Printer	6961C002[AA]

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[1] *The inks are designed to comply with the applicable FDA safety requirements under the Code of Federal Regulations (CFR) Title 21, Parts 170–199, for printing inks used on the non-food-contact surfaces of food packaging. Users are responsible for verifying regulatory compliance for their specific applications.*

[2] *Results vary depending on media used.*

[3] *As an ENERGY STAR® Partner, Canon U.S.A., Inc. has qualified this model as meeting the ENERGY STAR energy efficiency criteria through an EPA recognized certification body. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks.*

[4] *Warranty and Support programs are subject to certain conditions and restrictions. See www.usa.canon.com/support for details.*

[5] *Print speeds may vary depending on system configuration, interface, software, print complexity, print mode, page coverage, type of paper used, etc. Excludes pre-cleaning.*

[6] *Operation on PC with pre-installed Windows 11 (64 bit) , 10 (64 or 32 bit), Windows Server 2016,2019,2022 Standard.*

[7] *Acoustic noise is based off the measurement following ISO7779, and the display number shall follow ISO9296.*

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