



LX-P5510 Pigment-Based Inkjet Label Printer

DESIGNED FOR DURABLE, LONG-LASTING, FULL-COLOR ON-DEMAND LABEL PRINTING

The Canon LX-P5510 label printer is designed to be reliable and flexible, delivering high-resolution, full color labels. By utilizing pigment-based ink for moisture resistance and durability, the LX-P5510 helps improve efficiency and productivity by creating long lasting labels as needed.



WIDE VARIETY OF USES

The LX-P5510 printer is designed to print vibrant, high-quality, long lasting labels on-demand. With high-performance pigment inks that are formulated to withstand water, abrasion, harsh chemicals, and UV or sunlight exposure, the LX-P5510 printer can be used in a variety of sectors and applications. From transportation and warehousing (shipping and inventory), to manufacturing (food & beverage, chemical), retail (pharmacy, grocery), agriculture (crop production), and wholesale general packaging and labels, the LX-P5510 printer can help save on storage space and costs by printing labels on-demand rather than printing large volumes in advance. Other uses for the LX-P5510 include printing items such as tickets, temporary ID tags or badges, decals, stickers, and more.

DURABLE, HIGH-QUALITY IMAGES

With 1200 x 1200 dpi output, the LX-P5510 printer's pigment inks are formulated not to run, smudge or fade away when used with inkjet compatible matte or gloss media. The sharp imagery of fine details, including but not limited to small text and barcodes, are reproduced with clarity and accuracy which helps aid in capturing a customer's attention and helps products stand out.

FLEXIBLE AND POWERFUL PERFORMANCE

The LX-P5510 printer is capable of fast print speeds up to 300 mm / 11.8 inches per second. The printer can print labels on media up to four inches wide, and has an estimated output per ink cartridge set of

approximately 34,000 sheets. Additionally, on-demand, short-run printing allows for quick implementation of changes made to label graphics or text when needed.

OPTIONAL REWINDER AND AUTO CUTTER

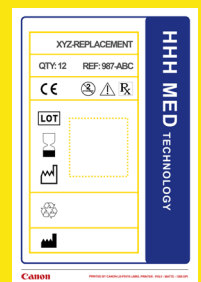
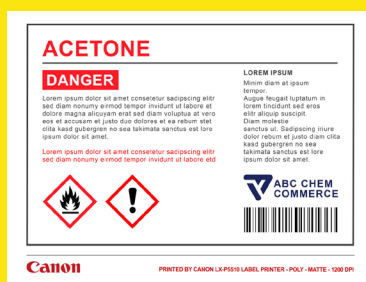
The optional Rewinder accessory allows users to rewind printed labels output from the LX-P5510 printer for later use, and is ideal for higher-volume production label printing environments. The optional Auto Cutter is designed to automatically separate labels at your desired interval upon printout. These items are sold separately.

LABEL PRINT LANGUAGE EMULATOR

The Canon Label Print Language Emulator is designed to enhance the compatibility and integration of Canon label printers. This downloadable software enables Canon label printers to support existing ZPL^{®1} applications seamlessly. The Canon Label Print Language Emulator also enables users to register color background images and use them behind the rendered image from ZPL commands. This free software is available via download from www.usa.canon.com/support.

ENVIRONMENT IN MIND

The LX-P5510 printer complies with both the EU RoHS and WEEE directives for the reduction of hazardous substances and waste products. In addition, on-demand label printing can assist with sustainability efforts since it helps to eliminate the overprint of excess labels that may become obsolete and need to be disposed of.





CUSTOMER CARE

For investment protection, eCarePAK extended service plan⁵ options are available beyond the initial one-year on-site limited warranty period. An eCarePAK can help save on costs associated with post-purchase maintenance and can help maximize uptime throughout the product life.


1. ZPL is a trademark of Zebra Technologies Corp., registered in many jurisdictions worldwide.
All other trademarks are the property of their respective owners.

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	1200 dpi
Max Print Speed¹	
First Print Out Time	4" x 3" Label: 10 seconds or less
Default Print Speed	300 mm/second (11.8 inches/second)
Range	50 - 300 mm/s
Preset Options	300 mm/s, 200 mm/s, 150 mm/s, 120 mm/s, 100 mm/s, 90 mm/s, 80 mm/s, 70 mm/s, 60 mm/s, 50 mm/s
Supported Media Types	Label Roll Media (with Roll Holder) & Label Fanfold Media (IJ Coated: Matte Paper, Matte Synthetic, Glossy Paper)
Media Capacity	Outer Diameter: Up to 200 mm
Roll Media:	Core/Inner Diameter: Up to 76.2 mm
Fanfold Media:	Media Height: Up to 850 mm
Media Size & Thickness	
Media Size:	Width: 25.4 - 120.0 mm (Including Liner) Length: 6.0 - 500.0 mm
Media Thickness:	0.145 - 0.255 mm
Maximum Printable Area	Width: Up to 105.9 mm (with AIS "On") Length: 3.0 - 497 mm
Minimum Margin	Top/Bottom: 1.5 mm Left/Right: 2.7 mm (including Liner, with AIS "On")
Product Life²	Approx. 6 Million Sheets / 5 Years

PRINTER INFORMATION

MODEL NUMBER	DESCRIPTION	ITEM NUMBER
 LX-P5510	Canon LX-P5510 Pigment-Based Inkjet Label Printer	4975B002[AA]

- Print speeds based on 4 x 3 inkjet coated label and may vary depending on system configuration, interface, software, print complexity, print mode, paper coverage, type of paper used, etc.
- Based upon standard print conditions and print size of 4"x3" inkjet coated matte label, 75% Duty/Color, 100 labels x 50 jobs/day, excluding manual cleaning and printhead.
- Operation can only be guaranteed on a PC with pre-installed Windows 11 (64bit), Windows[®] 10 (64/32-bit)
- Acoustic noise is based off the measurement following ISO7779, and the display number shall follow ISO9296.
- Warranty and Support programs are subject to certain conditions and restrictions. See usa.canon.com/support for details.
- Printer weight measured excluding print head or ink cartridges installed.

Canon is a registered trademark of Canon Inc. in the United States, and may be a registered trademark or trademark in other countries. eCarePAK is a registered trademark of Canon U.S.A., Inc. in the United States. Windows is a trademark of the Microsoft group of companies. All other product and brand names are trademarks of their respective owners. Not responsible for typographical errors. ©2023 Canon U.S.A., Inc. All rights reserved.

INK & MAINTENANCE CARTRIDGE INFORMATION

Output per Cartridge Set²	Approx. 34,000 Sheets
Cartridge Fill Volume	Black / Cyan / Magenta / Yellow: 240 ml
Maintenance Cartridge	WT-X401 Maintenance Cartridge Approx. 100,000 Sheets

GENERAL

Operational Method

LCD	No
Buttons/LEDs	4 Buttons / 8 LEDs
Connectivity	USB 2.0, Ethernet (10/100/1000 Base-T), RS-232C (For External Devices)
OS Compatibility³	Windows 11 (64bit), Windows 10 (64/32 bit)
Operating Environment	
Temperature	41° - 95°F (5° - 35°C)
Humidity	10 - 90% RH (Non-Condensing)
Options	CU-L02 Auto Cutter Unit Module RH-L03 Roll Holder Module Rewinder
Power Consumption	
Maximum	Approx. 268 W
Operating	Approx. 29 W
Sleep Mode	Approx. 9 W or Less
Electrical	AC 100-240V, 50/60Hz
Acoustic Information⁴	
Operating Noise (Max.)	55dB or less
Standby Noise	35dB or less
Warranty⁵	One-Year On-Site Limited Warranty
Dimensions & Weight⁶	15.2" (W) x 22.4" (D) x 15.5" (H) 55.1 lbs.
Box Contents	Canon LX-P5510 Inkjet Label Printer Ink Cartridge Set (BK,C,M,Y, 105 ml/each) Pigment Package Head K-head Package Unit-G Power Cord Scraper Installation Adjustment Sheets Unpacking Instructions Getting Started Guide Flyer Warranty Card