

Canon 5292B002

Canon PIXMA MG6220 Wireless Inkjet Photo All-in-One User Manual

Model: 5292B002

INTRODUCTION

The Canon PIXMA MG6220 is a high-performance Wireless Inkjet Photo All-in-One device designed for superior quality, versatility, and ease of use. This multifunction printer integrates printing, scanning, and copying capabilities, making it suitable for both home and office environments. It features built-in Wi-Fi for wireless operation, an Intelligent Touch System for intuitive control, and a six-individual ink tank system for professional-grade photo and document output. Key features include borderless photo printing up to 8.5" x 11", a maximum print color resolution of 9600 x 2400 dpi, and the ability to print directly onto printable CD, DVD, and Blu-ray Discs. The MG6220 also supports automatic duplex printing to conserve paper and offers various connectivity options including AirPrint, Google Cloud Print, and PIXMA Cloud Link.



Figure 1: Front view of the Canon PIXMA MG6220 printer, actively printing a photo.

SETUP GUIDE

1. Unboxing and Initial Placement

Carefully remove the printer from its packaging. Ensure all protective tapes and packing materials are removed from the exterior and interior of the device. Place the printer on a stable, flat surface with adequate space for paper trays and connections.

Package Contents:

- Canon PIXMA MG6220 Wireless Inkjet Photo All-in-One Printer
- CD/DVD Printing Tray
- Document Kit (Getting Started Guide, Important Information Sheet, Networking Troubleshooting Guide, Safety Environment Information, Setup Software & User's Guide CD-ROM, Warranty Card)
- Ink Tanks: PGI-225 Pigment Black, CLI-226 (Cyan/Magenta/Yellow/Black/Gray)
- Power Cord
- Print Head

2. Power Connection

Connect the provided power cord to the printer's power input and then to a wall outlet. Press the power button to turn on the printer.

3. Ink Tank and Print Head Installation

Open the printer cover to access the ink tank compartment. Install the print head first, then insert each individual ink tank into its corresponding slot until it clicks into place. Ensure all ink tanks are correctly installed for proper operation.

4. Loading Paper

The printer features multiple paper input options. Load plain paper into the lower cassette or photo paper into the rear tray. Adjust the paper guides to fit the paper size.



Figure 2: Loading paper into the rear paper tray.

5. Software and Driver Installation

Insert the Setup Software & User's Guide CD-ROM into your computer's optical drive. Follow the on-screen instructions to install the necessary drivers and software. For wireless setup, ensure your computer is connected to the same network as the printer.

System Compatibility:

- Windows® 7, Windows Vista®, Windows XP
- Mac OS® X v10.4.11 to 10.6.x

6. Wireless Network Setup

The PIXMA MG6220 features built-in Wi-Fi connectivity. You can configure the wireless settings directly from the printer's 3.0" LCD display using the Intelligent Touch System. Navigate to the network settings, select your Wi-Fi network, and enter the password. Once connected, you can print and scan wirelessly from any Wi-Fi enabled computer or compatible mobile device around your home.



Figure 3: The Intelligent Touch System display for navigation and control.

OPERATING INSTRUCTIONS

1. General Operation and Intelligent Touch System

The printer's Intelligent Touch System provides a responsive touch panel where only the necessary buttons illuminate. Use the 3.0" LCD to easily view, select, and edit images for computer-free printing. This system simplifies navigation through menus for various functions like copying, scanning, and photo printing.



Figure 4: Interacting with the Intelligent Touch System.

2. Printing Functions

Document and Photo Printing:

- **High Resolution:** Achieve incredible quality with a maximum color dpi of 9600 x 2400 for both borderless photos and documents.
- **Fast Speeds:** Print documents at speeds of 12.5 images per minute (ipm) for black and 9.3 ipm for color. A borderless 4" x 6" photo prints in approximately 20 seconds.
- **Borderless Printing:** Supports borderless printing on various photo paper types including Photo Paper Pro Platinum, Photo Paper Pro II, Photo Paper Plus Glossy II, Photo Paper Plus Semi-gloss, Photo Paper Glossy, and Matte Photo Paper.
- **ChromaLife100+:** This system ensures beautiful borderless photos that can last up to 300 years when stored in an archival-quality photo album, combining FINE print head technology with genuine Canon inks and photo papers.
- **Built-In Auto Duplex Printing:** Automatically print on both sides of the paper, reducing paper usage and cost by up to 50%.

Specialized Printing:

- **Built-in CD and DVD Printing:** Conveniently print labels directly onto your printable CD, DVD, and Blu-ray Discs using the included CD/DVD printing tray.



Figure 5: Inserting the CD/DVD printing tray.

- **Full HD Movie Print:** Convert HD movie clips captured with compatible Canon EOS Digital SLR or PowerShot cameras into high-quality photo prints using the Full HD Movie Print software.
- **Fun Filter Effects:** Enhance your images before printing by adding effects such as Fish Eye, Miniature, Toy Camera, Soft Focus, and Blur Background.

3. Scanning and Copying Functions

- **Scanning:** The integrated scanner provides beautiful, easy-to-view scans through advanced image analysis and area-by-area data correction. You can scan jpeg and pdf files wirelessly from compatible mobile devices.
- **Copying:** Utilize the printer's copying function for quick and efficient duplication of documents.

4. Connectivity Options

- **Built-In Wireless (Wi-Fi):** Print and scan wirelessly from any Wi-Fi enabled computer or device within your network.
- **AirPrint:** Wirelessly print photos, emails, web pages, and documents directly from compatible iPad, iPhone, or iPod touch devices without needing to download software or drivers.
- **Google Cloud Print:** Print from Gmail and Google Docs on a mobile device, or from Google Chrome browser on various operating systems. This allows printing from anywhere with an internet connection.
- **PIXMA Cloud Link:** Print pictures from online photo albums like Canon Image Gateway and Picasa, as well as templates including seasonal stationery and calendars, directly from your PIXMA Wireless All-in-One without a computer. Also supports printing select Google Docs and Gmail attachments.
- **Built-In Ethernet:** Connect the printer to a home or office network via a wired LAN interface, allowing multiple connected computers to share the printer and monitor its status.
- **Mobile Device Printing:** Print photos wirelessly from compatible iPad, iPhone, iPod touch, and Android devices using Canon's Wi-Fi connectivity.
- **Direct Photo Printing:** Print directly from compatible memory cards, USB Flash Drives, PictBridge-enabled cameras, and optional Bluetooth devices.



Figure 6: Inserting a memory card for direct printing.

MAINTENANCE

1. Ink Tank Replacement

The Canon PIXMA MG6220 utilizes a six-color individual ink tank system, including a dedicated gray ink for professional black & white photos and a pigment-based black ink for crisp text. When an ink tank runs out, you only need to replace that specific color, which helps reduce waste and cost. The printer's display will indicate which ink tanks need replacement.

Compatible Ink Tanks:

- PGI-225 Pigment Black
- CLI-226 Cyan
- CLI-226 Magenta
- CLI-226 Yellow
- CLI-226 Black
- CLI-226 Gray

Always use genuine Canon inks for optimal print quality and printer longevity.

2. Cleaning and Care

To maintain optimal performance, regularly wipe the exterior of the printer with a soft, damp cloth. Avoid using abrasive cleaners. Refer to the detailed User's Guide on the provided CD-ROM for specific instructions on print head cleaning or other internal maintenance procedures if print quality issues arise.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Canon PIXMA MG6220 printer. For more detailed troubleshooting, consult the "Networking Troubleshooting Guide" and the full "User's Guide" on the included CD-ROM.

Common Issues and Solutions:

1. Printer Not Responding/Printing:

- Ensure the printer is powered on and connected to the computer (via USB or Wi-Fi).
- Check for error messages on the printer's LCD display.
- Verify that the correct printer is selected in your computer's print dialog.
- Clear any pending print jobs from the print queue and try printing again.
- Restart both the printer and your computer.

2. Wireless Connectivity Issues:

- Confirm the printer is connected to your Wi-Fi network. Check the network status on the printer's LCD.
- Ensure your computer or mobile device is connected to the same Wi-Fi network.
- Restart your wireless router, then restart the printer.
- If issues persist, reconfigure the wireless settings on the printer.

3. Poor Print Quality (Streaks, Faded Colors, Incorrect Colors):

- Check ink levels. Replace any empty or low ink tanks. The printer will not print if any ink tank is empty.
- Perform a print head cleaning and nozzle check from the printer's maintenance menu or through the printer driver software on your computer.
- Ensure you are using genuine Canon ink tanks and appropriate paper types for your print job.
- Verify that the print head is correctly installed.

4. Paper Jams:

- Turn off the printer and unplug the power cord.
- Carefully remove any jammed paper from the input tray, output tray, or inside the printer. Refer to the User's Guide for specific jam clearance instructions.
- Ensure paper is loaded correctly and not overfilled in the paper trays.

5. "Ink Low" or "Ink Empty" Message Prevents Printing:

- The printer is designed to prevent printing when an ink tank is detected as empty to protect the print head. Replace the indicated ink tank(s) to resume printing.

SPECIFICATIONS

Below are the detailed technical specifications for the Canon PIXMA MG6220 Wireless Inkjet Photo All-in-One printer.

Feature	Specification
Model Name	MG6220
Item Model Number	5292B002
Functions	Print, Copy, Scan, Photo
Printing Technology	Inkjet

Feature	Specification
Maximum Color Print Resolution	9600 x 2400 dpi
Maximum Black and White Print Resolution	2400 dpi
Maximum Print Speed (Color)	9.3 ppm
Max Printspeed Monochrome	12.5 ppm
Ink System	6 Individual Ink Tanks (PGI-225 Pigment Black, CLI-226 C/M/Y/K/Gray)
Duplex Printing	Automatic
Display Type	3.0" LCD
Connectivity Technology	Wi-Fi, Ethernet, USB 2.0, PictBridge, Bluetooth (optional)
Maximum Media Size	8.5 x 14 inch
Max Input Sheet Capacity	150 sheets
Scanner Type	Document
Max Copy Speed (Black & White)	12.5 ppm
Product Dimensions (L x W x H)	18.5 x 14.5 x 6.9 inches
Item Weight	20.1 pounds
Memory Storage Capacity	64 MB
Date First Available	August 23, 2011

WARRANTY AND SUPPORT

1. Limited Warranty Information

The Canon PIXMA MG6220 comes with a limited warranty. Warranty programs are subject to certain conditions and restrictions. Please refer to the Warranty Card included in your product's Document Kit for full details regarding coverage, duration, and terms.

2. Customer Support

For technical assistance, additional troubleshooting, driver downloads, or service inquiries, please visit the official Canon support website:

www.usa.canon.com/support

The website provides comprehensive resources including FAQs, user manuals, software updates, and contact information for customer service representatives.



