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## Canon MB5420

# Canon MAXIFY MB5420 Wireless All-in-One Printer User Manual

Model: MB5420

## 1. INTRODUCTION

This manual provides instructions for the setup, operation, maintenance, and troubleshooting of the Canon MAXIFY MB5420 Wireless Small Office All-In-One Printer. This device integrates printing, scanning, copying, and faxing functionalities, designed for small office environments.



Figure 1: Front view of the Canon MAXIFY MB5420 printer with paper trays closed.

## 2. SETUP

## 2.1 Unpacking and Initial Setup

Carefully remove the printer from its packaging. Ensure all protective tapes and packing materials are removed from the exterior and interior of the device.

### Included Components:

- Canon MAXIFY MB5420 Wireless Small Office All-In-One Printer
- Full Set of Ink Tanks
- Power Cord
- Setup CD-ROM
- Telephone Line Cable (for fax functionality)

## 2.2 Power Connection

Connect the provided power cord to the printer and then to a wall outlet. Do not connect to a surge protector or extension cord during initial setup to avoid potential power issues.

## 2.3 Ink Tank Installation

Open the printer's front cover to access the ink tank compartments. Install each ink tank into its corresponding slot, ensuring it clicks into place. Refer to the on-screen instructions on the printer's display panel for guidance.



Figure 2: Illustration of ink tank installation into the printer.

## 2.4 Paper Loading

The printer features two 250-sheet paper trays, providing a total capacity of 500 sheets. Pull out the paper trays, load paper (plain paper, letter or legal size recommended for general use), and adjust the paper guides to fit the paper size. Ensure the paper is loaded correctly to prevent jams.



Figure 3: Side view of the printer with both paper trays extended for loading.

## 2.5 Software and Network Installation

Insert the Setup CD-ROM into your computer's optical drive and follow the on-screen instructions to install drivers and utility software. For network connectivity, the printer supports both Wi-Fi and Ethernet. Follow the setup wizard on the printer's touch screen or the software on your computer to connect to your wireless network or plug in an Ethernet cable.

- **Wireless Setup:** Navigate to the network settings on the printer's control panel, select your Wi-Fi network, and enter the password.
- **Ethernet Setup:** Connect an Ethernet cable from the printer to your network router or switch.
- **Mobile Device Setup:** Download the Canon PRINT app to connect and print from your smartphone or tablet.

## 3. OPERATING THE PRINTER

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### 3.1 Printing Documents

To print, select the print option from your computer's application. Choose the Canon MAXIFY MB5420 as your printer. Adjust print settings such as paper size, type, and print quality as needed. The printer supports duplex printing (automatic two-sided printing).

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Figure 4: The printer actively printing documents from its output tray.

### 3.2 Scanning Documents

Place your document on the scanner glass or in the Automatic Document Feeder (ADF). The MB5420 features single-pass duplex scanning, allowing both sides of a two-sided document to be scanned simultaneously. Initiate scanning from the printer's control panel or from your computer using the installed software. Scanned documents can be saved to your computer, network drive, or directly to a mobile device via the Canon PRINT app.

### 3.3 Copying Documents

Place the document on the scanner glass or in the ADF. Use the printer's control panel to select the "Copy" function. Adjust settings such as number of copies, color/black & white, and enlargement/reduction. Press the Start button to begin copying.

### 3.4 Faxing Documents

Connect the telephone line cable to the printer and a telephone wall jack. Place the document to be faxed on the scanner glass or in the ADF. Enter the recipient's fax number using the control panel and select the "Fax" function. Follow the on-screen prompts to send the fax.

### 3.5 Mobile and Cloud Printing

Utilize the Canon PRINT app on your mobile device to print documents and photos directly. The app also

enables printing from cloud services and scanning directly to your mobile device.

## 4. MAINTENANCE

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### 4.1 Replacing Ink Tanks

When an ink tank is low or empty, a message will appear on the printer's display. Open the front cover, remove the empty tank by pressing the release lever, and insert a new genuine Canon ink tank. Ensure the new tank clicks securely into place.

### 4.2 Cleaning the Printer

- **Print Head Cleaning:** If print quality degrades (streaks, missing colors), perform a print head cleaning from the printer's maintenance menu.
- **Roller Cleaning:** If paper feeding issues occur, clean the paper feed rollers using the maintenance utility.
- **Exterior Cleaning:** Wipe the exterior of the printer with a soft, damp cloth. Avoid using abrasive cleaners.

### 4.3 Paper Handling

Always use recommended paper types and sizes. Avoid overfilling paper trays. Fan paper before loading to prevent multiple sheets from feeding at once. Store paper in a cool, dry place to prevent curling or moisture absorption.

## 5. TROUBLESHOOTING

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### 5.1 Common Issues and Solutions

- **Printer Not Responding:**
  - Check power connection and ensure the printer is turned on.
  - Verify network connection (Wi-Fi or Ethernet).
  - Restart the printer and your computer.
- **Paper Jams:**
  - Follow on-screen instructions to clear jammed paper.
  - Open covers and carefully remove any visible paper fragments.
  - Ensure paper is loaded correctly and not overfilled.
- **Poor Print Quality:**
  - Check ink levels and replace any empty tanks.
  - Perform print head cleaning and alignment from the maintenance menu.
  - Ensure you are using appropriate paper settings for your print job.
- **Scanner Not Working:**
  - Ensure the printer is connected to your computer or network.
  - Verify that scanner drivers are correctly installed.
  - Restart the printer and scanning application.

For specific error codes or persistent issues, refer to the Canon support website or contact customer service.

## 6. SPECIFICATIONS

Feature	Specification
Product Dimensions	18.1"D x 18.3"W x 13.9"H
Item Weight	28.4 pounds
Printing Technology	Inkjet
Functions	Print, Scan, Copy, Fax
Connectivity Technology	Ethernet, Wi-Fi, USB 2.0
Maximum Print Speed (Black)	24 ppm (pages per minute)
Maximum Print Speed (Color)	15.5 ppm (pages per minute)
Maximum Print Resolution	600 x 600 dpi (Black & White), 600 x 600 dpi (Color)
Duplex Printing	Automatic
Scanner Type	Flatbed, ADF (Automatic Document Feeder)
Duplex Scanning	Single-pass duplex
Max Input Sheet Capacity	500 sheets (two 250-sheet trays)
Maximum Media Size	8.5 x 14 inch (Legal)
Control Method	App, Touch Screen
Memory Storage Capacity	64 MB

## 7. WARRANTY AND SUPPORT

### 7.1 Product Warranty

The Canon MAXIFY MB5420 printer comes with a **1 Year Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

### 7.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, Canon provides 100% U.S.-based customer service and support. Contact information can be found on the official Canon website or in the documentation included with your product.