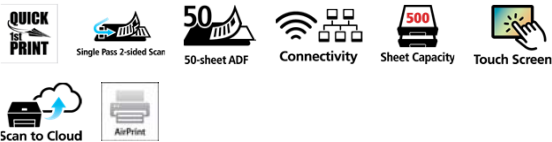


# MAXIFY MB5450 series



## The complete small office solution.

All-In-One colour printer, fax, scanner and copier, printing at 24 ipm mono and 15.5 ipm colour. Built for productivity, the heavy-duty Canon MAXIFY MB5450 Series doesn't compromise on performance, quality or reliability.



- The ultimate small office All-In-One colour printer, scanner, copier and fax
- Rapid print speed of 24 ipm mono, 15.5 ipm colour. First page out in just 6 seconds
- High-yield inks for up to 2,500 mono and 1,500 colour pages
- Wi-Fi and Ethernet connectivity
- Print and scan from a mobile device, plus cloud integration
- Scan both sides of a document in a single pass
- High capacity 500-sheet cassette and 50-sheet feeder with auto duplex printing
- Large 8.8 cm (3.5") TFT colour touchscreen
- 250 - 1,500 page/month print volume
- Easy to integrate with existing networks (SNMP)
- IP address filtering and records of use reporting
- SMTP for emailing scanned documents securely

### Product Range



MAXIFY MB5450 series



MAXIFY MB5150 series



MAXIFY IB4150

**MAXIFY MB5450 series**  
MAXIFY MB5150 series  
MAXIFY IB4150  
MAXIFY MB2750 series  
MAXIFY MB2150 series

## Technical Specifications

### OVERVIEW

**Summary**  
**Functions**

Powerful All-In-One for high volume printing small offices  
Print, Copy, Scan, Fax, Wi-Fi, Ethernet + Cloud Link

### PRINTER SPECIFICATIONS

**Print Speed (approx.)**

24.0 ipm mono A4<sup>[1]</sup>  
15.5 ipm colour A4<sup>[1]</sup>

**First Page Out Time (approx.)**

Mono: 6 sec (ready) / 10 sec (sleep)  
Colour: 7 sec (ready) / 12 sec (sleep)

**Print Technology**

Inkjet, FINE print head

**Maximum Print Resolution**

600 x 1200 dpi

**Print Margins (min.)**

Top: 3 mm, Bottom: 5 mm, Left & Right: 3.4 mm

**2-Sided Printing**

Automatic (A4, LTR plain paper)

### SCANNER SPECIFICATIONS

**Scanner Type**

Flatbed, Single Pass 2-sided ADF

**Scanner Technology**

2x CIS colour scanner

**Scanner Resolution**

Up to 1200 x 1200 dpi<sup>[2]</sup>

**(Optical)**

**2-sided Scanning**

Available (single pass)

**Scan Speed (ADF) Approx.**

Duplex. 23 ipm Col<sup>[3]</sup>

Duplex. 23 ipm B/W<sup>[3]</sup>

**Maximum Document Size**

Flatbed: A4, LTR (216 x 297 mm)

ADF: A4, LTR, LGL

**Scanning Depth**

Colour: 48 bit / 24 bit

**(Input / Output)**

Greyscale: 16 bit / 8 bit

**Scan Functions**

Scan to email, Scan to network folder, Scan to Cloud,

Scan to USB

### COPIER SPECIFICATIONS

**Copy Speed (approx.)**

ADF colour: 11.5 ipm<sup>[4]</sup>

ADF mono: 22.0 ipm<sup>[4]</sup>

Up to 99 pages

**Multiple Copy**

25 - 400%, Fit to Page

**Reduction / Enlargement**

Standard, High

**Copy quality settings**

**Double sided copying**

2-sided to 2-sided (Automatic)

**Copy functions**

Frame Erase, Collate, 2-on-1, 4-on-1, 2 - sided copy

### FAX SPECIFICATIONS

**Fax Type**

Super G3 / Colour

**Fax Resolution**

Mono: up to 300 x 300 dpi

Colour: 200 x 200 dpi

**Fax Speed**

Mono: approx. 3 sec. (33.6 kbps)<sup>[5]</sup>

Colour: approx. 1 min. (33.6 kbps)<sup>[5]</sup>

**Fax Memory**

Up to 250 pages

**Coded Speed Dialling**

Max. 100 locations

**Group Dial**

Max. 99 locations

### INKS & YIELD

**Ink Type**

Dual Resistant High Density Ink

4 ink tanks (Black, Cyan, Magenta, Yellow)

PGI-2500XL BK (2500 pages)<sup>[6]</sup>

PGI-2500XL C (1755 pages)<sup>[6]</sup>

PGI-2500XL M (1295 pages)<sup>[6]</sup>

PGI-2500XL Y (1520 pages)<sup>[6]</sup>

Colour ink tanks (CMY) average yield: 1500 pages<sup>[6]</sup>

**XL Inks**

### PAPER SUPPORT

**Paper Types**

Plain Paper

Envelopes (DL, COM10, C5, Monarch)

Canon High Resolution Paper (HR-101N)

Canon Matte (MP-101)

Canon Pro Luster (LU-101)

Canon Plus Semi-gloss (SG-201)

Canon Plus Glossy II (PP-201)

Canon Glossy Everyday Use (GP-501)

**Maximum Paper Input**

Upper cassette: 250 sheets of plain paper

Lower cassette: 250 sheets of plain paper

**Paper Sizes**

Plain paper: A4, A5, B5, LTR, LGL

Photo paper: A4, LTR, 20 x 25 cm, 13 x 18 cm, 10 x 15 cm

Custom sizes: Width 89 - 215.9 mm, Length 127 - 355.6 mm

Plain paper: 64 - 105 g/m<sup>2</sup>

Canon photo paper up to 275 g/m<sup>2</sup>

**Paper Weight**

### CONNECTIVITY

**Wired Connections**

Hi-Speed USB 2.0

Ethernet 10/100Mbps (auto switchable)

USB flash memory port (A type)

Wi-Fi IEEE802.11 b/g/n<sup>[7]</sup>

**Wireless Connections**

Wireless LAN Frequency Band: 2.4GHz

Access Point Mode

Canon PRINT Inkjet / SELPHY app

**Applications Support**

MAXIFY Cloud Link (from printer screen or smart device)

Canon Print Service plug-in (Android)

Mopria

Microsoft Mobile Print

Apple AirPrint

Google Cloud Print

### SOFTWARE

**Supported Operating System**

Windows 10 / 8.1 / 8 / 7 / 7 SP1 / Vista SP2

Windows Server 2008 / 2008 R2 / 2012 / 2012 R2

Mac OS X v10.8.5 or later

**Supported Mobile Systems**

iOS, Android, Windows RT, Windows 10 Mobile

**Minimum System Requirements**

Windows: Internet Explorer 8, internet connection

or CD-ROM

Mac: Safari 5 and internet connection

Display: 1024x768 or higher

Printer driver and fax driver

Quick Utility Toolbox

IJ Network Device Setup Utility

Easy-WebPrint EX

**Software Included**

## Technical Specifications

### GENERAL FEATURES

<b>Display Type &amp; Size</b>	8.8 cm colour touch screen
<b>Automatic Document Feeder</b>	Up to 50-sheets
<b>Dimensions (W x D x H)</b>	463 x 394 x 351 mm 463 x 459 x 351 mm (paper installed)
<b>Weight</b>	12.9 kg
<b>Power Source</b>	AC 100-240V, 50/60Hz
<b>Power Consumption</b>	Standby (scanning lamp is off) USB connection to PC : approx. 0.9 W OFF : approx. 0.2 W Copying (USB connection to PC): approx. 27 W <sup>[8]</sup> 0.2 kWh <sup>[9]</sup>
<b>Typical Electricity Consumption</b>	
<b>Noise Levels</b>	Approx. 56 dB(A) <sup>[10]</sup>
<b>Recommended Operating Environment</b>	Temperature: 15 - 30°C Humidity: 10 - 80% RH (no dew condensation)
<b>Duty Cycle (monthly)</b>	up to 30,000 pages <sup>[11]</sup>
<b>Recommended Print Volume</b>	250 - 1500 pages / month

### Footnotes

- [1] Document print speed on plain paper is measured based on average of ESAT in Office Category Test of ISO/IEC 24734 standard.
- [2] Optical resolution is a measure of maximum hardware sampling resolution based on ISO 14473 standard. When scanning in high resolution, the scan size is restricted.
- [3] ADF scan speeds are the average of sCESAT30secA in "ADF Productivity Measurement" test, ISO/IEC 17991:2015.  
When scanning or copying a certain volume of documents (approx. 150 sheets in default settings) continuously from the ADF, the printer may switch to "waiting mode" in which paper feeding stops for several tens of seconds after each scan to prohibit overheating the ADF.
- [4] ADF copy speed is the average of ESAT simplex, ISO/IEC 24735, excluding time to copy the first set. When scanning or copying a certain volume of pages continuously using the ADF, the printer may need to do a pause (usually less than 1 minute) after each scan. This is to prevent the paper feeding mechanism overheating. When scanning or copying in default settings (colour, 300dpi), the page feeding starts to pause after approx. 80 sheets of paper when fed continuously or repeatedly in a short period of time. The pause time may vary depending on scan settings including colour or mono and scan resolution.
- [5] Based on default setting using ITU-T No.1 chart for mono and Canon Colour Fax Test Sheet for colour.
- [6] Page yield is based on ISO/IEC 24711 and continuous printing. Printer ships with setup ink tanks: 400 pages black (BK) and 300 pages colour (C/M/Y average).
- [7] Wi-Fi frequency band: 2.4GHz, Wi-Fi Security: WPA-PSK, WPA2-PSK, WEP, Administration password
- [8] Copy: When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.  
Specifications are subject to change without notice.
- [9] Typical Energy Consumption (TEC) represents the typical electricity consumed by a product during one week.
- [10] Acoustic Noise is measured based on ISO7779 standard.
- [11] Duty cycle is defined as a maximum number of printed pages for a single peak month.

### Standard disclaimers

All specifications subject to change without notice.

Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.

Copy speed may vary depending on document complexity, copy mode, page coverage: type of paper used etc. and does not take into account warming up time.

Actual fax transmission speed may vary depending on document complexity, fax settings at receiving end, and line conditions etc.

Ink yield may vary depending on documents printed, applications software used, print mode and type of paper used. For more information see [www.canon-europe.com/ink/yield](http://www.canon-europe.com/ink/yield)

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Sales Start Date: July 2016



### Product Details:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
MAXIFY MB5450 EUR	0971C009AA	4549292052602	<Please fill in RRP>

### Ink Consumables:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
PGI-2500XL BK	9254B001AA	4549292004809	<Please fill in RRP>
PGI-2500XL C	9265B001AA	4549292004915	<Please fill in RRP>
PGI-2500XL M	9266B001AA	4549292004922	<Please fill in RRP>
PGI-2500XL Y	9267B001AA	4549292004939	<Please fill in RRP>
INK PGI-2500XL BK/C/M/Y MULTI	9254B004AA	8714574623191	<Please fill in RRP>

### Measurement / Logistic Information:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Net Weight (kg)	Gross Weight (kg)
MAXIFY MB5450 EUR	0971C009AA	EA	Each	1	555	478	509.3	12.8	17.20
		CT	Carton	8	1116	962	1022.6	137.6	138.6
		EP	Euro Pallet	8	1116	962	1022.6	137.6	138.6

### What's in the box?

- MAXIFY MB5450 Series
- Power cable
- Set up CD for Windows (Mac drivers available online)
- Manuals
- Fax / phone line cable