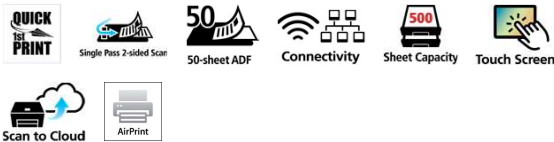


MAXIFY MB5450 series



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^[1]
15.5 ipm colour A4^[1]
Mono: 6 sec (ready) / 10 sec (sleep)
Colour: 7 sec (ready) / 12 sec (sleep)

First Page Out Time (approx.)

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 1200x 1200 dpi^[2]

(Optical)

2-sided Scanning

Available (single pass)

Scan Speed (ADF) Approx.

Duplex. 23 ipm Col^[3]

Duplex. 23 ipm B/W^[3]

Maximum Document Size

Flatbed: A4, LTR (216 x 297 mm)

ADF: A4, LTR, LGL

Colour: 48 bit / 24 bit

Scanning Depth

Greyscale: 16 bit / 8 bit

(Input / Output)

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^[4]

ADF mono: 22.0 ipm^[4]

Up to 99 pages

Multiple Copy

Reduction / Enlargement

25 - 400%, Fit to Page

Copy quality settings

Standard, High

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)^[5]

Colour: approx. 1 min. (33.6 kbps)^[5]

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)^[6]

PGI-2500XL C (1755 pages)^[6]

PGI-2500XL M (1295 pages)^[6]

PGI-2500XL Y (1520 pages)^[6]

XL Inks

Colour ink tanks (CMY) average yield: 1500 pages^[6]

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/m²
Canon photo paper up to 275 g/m²

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^[7]

Wireless Connections

Wireless LAN Frequency Band: 2.4GHz
Access Point Mode

Applications Support

Canon PRINT Inkjet / SELPHY app
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

Display Type & Size

8.8 cm colour touch screen
Up to 50-sheets

Automatic Document Feeder

463 x 394 x 351 mm
463 x 459 x 351 mm (paper installed)

Weight

12.9 kg

Power Source

AC 100-240V, 50/60Hz

Power Consumption

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^[8]
0.2 kWh^[9]

Typical Electricity

Consumption

Approx. 56 dB(A)^[10]

Noise Levels

Temperature: 15 - 30°C

Recommended Operating Environment

Humidity: 10 - 80% RH (no dew condensation)

Duty Cycle (monthly)

up to 30,000 pages^[11]

Recommended Print Volume

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 scESAT3secA 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

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