



imageCLASS MF8450C

FEATURES

Boost up your business performance with this intelligent office colour multitasking laser printer. The imageCLASS MF8450C colour laser 4-in-1 offers not only brilliant colour output for your business documents or any in-house marketing collaterals, it is also built with powerful SEND (push-scan) functionality and auto duplexing in a robust, easy to use unit.

Features

- Colour laser multifunctional printer
- 17ppm colour print/copy speed
- 17ppm monochrome print/copy speed with Pure Black Technology
- Print, copy, scan, fax, PC-fax
- SEND Lite for efficient digital data/document distribution to networked PCs
- 3.5 inch colour TFT display with Easy-Scroll Wheel
- Quick First-Print & energy efficient
- Network ready with IPv6.0 compatible & SMTP Authentication
- Scan to email, network folder & USB Flash memory
- Automatic Double-sided print/copy/fax/scan

Complete Multi-tasker with 4-in-1 Convenience

- Superior colour printing, faxing, copying and scanning in one stylish, cost-cutting and space-saving unit.
- Efficient document distribution with SEND functionality (scan direct to Email/IFax/FTP/SMB folders /USB Flash Drive)
- USB Flash Drive slots for convenience of scanning & printing without PCs
- High built-in shared memory of 384MB RAM enables flawless multi-tasking
- Single pass colour cartridges mechanism ease up cartridges replacement

Share Productivity while Managing Device Usage

- Network-ready to share printing, scanning and PC faxing (sending)
- An intuitive setup wizard helps you get connected right away
- Department/User ID management function (up to 100 IDs) restricts access to authorized personnel only
- Usage control management by ID can also be set for copy, print, scan, fax as well as colour usage (by Allow Black Copy only).

Efficient Document Distribution with SEND functionality

- Scan colour documents quickly and easily for direct distribution via email, network file server, FTP server, internet fax or USB Flash memory medium.
- Digital formats available: JPEG, TIFF, PDF, including 'Compact PDF' using Canon's unique compression technology

Maximise Productivity

- Cut costs, save paper and produce professional documents with the built-in automatic double-sided printing
- The Duplex Automatic Document Feeder (DADF) enables fast automatic double-sided scanning, copying, and faxing of multi-page documents up to 50-sheet at a time
- With a maximum paper capacity of 850 sheets (A4, with optional cassette pedestal) and high 384 MB of shared memory, the imageCLASS MF8450C is built to handle the workloads of even the busiest small businesses and workgroups of any organisation

Fast & Clear Faxing

- Fax documents fast and efficiently thanks to the Super G3 fax modem and 200 speed dials
- Scan once, fax to many destinations with its 301

Outstanding Colour Quality without Toners Wastage

- Dual Direct Mapping technology converts RGB image type input into CMYK colour output from any data sources for colour output quality and consistency
- ACS (Auto Colour Select) technology recognizes black text areas within a full colour image/document input. Plus its Pure Black Technology, black text area will be printed using black toner only; hence achieving rich black text print quality without wasting other CMY colour cartridges

Save Time, Increase Productivity while Cutting Your Electricity Bills

- Quick First-Print technology achieves zero warm-up time, allowing immediate document processing and output
- UFR II Lt printing system for PC-based document compression for speedy delivery and no machine's RAM upgrade required
- Up to 17ppm colour and monochrome print or copy speeds for fast output
- Energy Star® certified and consumes only as low as approx. 1.2 Watts in sleep mode (while connected PCs are inactive)
- Check out Energy Star TEC (Typical Electricity Consumption) Test Rating for Multifunction Devices at:
http://www.eu-energystar.org/en/en_database.htm?mfd

Ultimate Engagement and Usability

- The large 3.5 inch full colour TFT LCD display with Easy-Scroll Wheel operational panel allows easy access to all functions
- The intuitive Graphical User Interface (GUI) showing step-by-step operation, enables easy use and minimizes needs for user manual reference
- Viewing of images (JPEG) in the plugged-in USB Flash Drive is also enabled

sequential broadcasting feature (200 from address book dialing, 101 from regular dialing)

- Ultra High Quality™ technology ensures detailed documents are faxed perfectly

Maintenance-free Colour Cartridge

- For continuous, high quality colour documents output
- Each of the four compact colour cartridges contains toner, drum and cleaning units – reducing maintenance requirements and increasing reliability
- Plus its front loading design, cartridges replacement is clean and fast
- Maximum device performance and Canon's warranty protection with genuine Cartridges 317 C (4000 pages*), 317M (4000 pages*), 317Y (4000 pages*), 317K (6000 pages*)
*Based on A4, 5% coverage. Machine comes with full-yield toner cartridge for each.

Notice:

[Be careful of counterfeits]

It has been confirmed that there are counterfeit Canon toner cartridges in the marketplace. Using a counterfeit toner cartridge may cause poor print quality or poor printer performance. Please be advised that Canon is not responsible for any malfunction, accident, or damage caused by using non-genuine toner cartridges, including counterfeits.

For details, see the following website:

<http://www.canon.com/counterfeit>

SPECIFICATIONS

Machine Type	Colour Laser Multifunction Printer	
Available Functions	Print, Copy, Scan and Fax	
Printer		
Print Speed	Up to 17 ppm colour and mono (A4)	
Printing Method	Indirect electrostatic method (Colour RAPID Fusing)	
Print Quality	Up to 2400 x 600 dpi with Automatic Image Refinement	
Print Resolution	600 x 600 dpi	
Double Sided Printing	Automatic	
Printer Languages	UFR II-LT	
Print Margins	5 mm-top, bottom, left and right	
Toner Saver Mode	Yes	
Copier		
Copy Speed	Up to 17 cpm colour and mono (A4)	
First Copy Output Time (FCOT)	Platen:	< 13 sec.
	ADF:	< 19 sec.

Copy Resolution	Up to 600 x 600 dpi	
Copy Modes	Text/Photo/Map (Default), Printed Image, Photo, Text	
Double Sided Copying	2-sided to 2-sided (Automatic)	
Multiple Copy	Up to 99 copies	
Reduction / Enlargement	50-200% in 1% increments	
Toner Saver Mode	Yes	
Other Features	Booklet, Frame Erase, Auto Collate, ID Card Copy, 2-on-1, 4-on-1, Mode Memory setting (4 Favourite Setting)	
Scanner		
Type	Colour, Greyscale & BW	
Scan Method	CCD	
Scan Resolution	Optical:	Up to 600 x 600 dpi
	Enhanced:	Up to 9600 dpi
Colour Scanning Depth	24 bit/24 bit (input/output)	
Greyscales	256 levels	
Compatibility	TWAIN*2, WIA*1 *2	
Max. Scan Width	216 mm	
Scan Software	Colour Network ScanGear	
Send Functions		
Scan to File Server	FTP, SMB (TCP/IP)	
Scan to E-mail and i-Fax	SMTP, POP3, i-Fax (Simple mode)	
Scan to USB Flash Memory	Yes	
File Formats	TIFF, JPEG, PDF, PDF (Compact)	
NOTE: Scan to Colour Multi-page PDF file format can only be done via Auto Document Feeder (ADF) scanning on all scan functions.		
Scan Speed	With ADF: B/W & Colour:	19.7ipm (A4, 600dpi)
Address Book	Local (300 max.)	
Other Features	Mode Memory setting (4 Favourite Setting)	
Fax		
Modem Speed	Super G3 33.6kbps (Up to 3 seconds/page*3)	
Receive Mode	Fax only, Fax/Tel Auto Switch, Answer Mode, Manual RX	
Fax Resolution	200 x 100 dpi:	8 pels/mm x 3.85 lines/mm
	200 x 200 dpi:	8 pels/mm x 7.7 lines/mm
	200 x 400 dpi:	8 pels/mm x 7.7 lines/mm
	400 x 400 dpi:	16 pels/mm x 15.4 lines/mm
FAX Memory	Up to 1,000 pages*4	
Speed Dialling	One-touch:	200 destinations
	Group dialling:	199 destinations
	Others:	Address Book Dial, Regular dial, Redial (Auto/Manual), Auto Reception Reduction
Sequential Broadcasting	Maximum:	201 destinations
	From Address Book:	200 destinations
	Manual dialling:	1 destination
Memory Backup	1 hour	
Double Sided Faxing	Yes (Transmit and Receive)	
Other Features	Auto Fax Forwarding to PCs/Email/Server, Dual Access, Remote Reception, PC Fax	
Media Handling		
Scanner Type	Flatbed and Duplex Automatic Document Feeder (DADF)	

Paper Input (Standard)	250-sheet cassette 100-sheet multi-purpose tray	
Auto Document Feeder	50-sheet (Duplex ADF)	
Paper Input (Option)	500-sheet cassette (pedestal with wheels)	
Paper Output	250-sheet	
Media Types	Plain paper, Recycled paper, Heavy paper, Transparency, Label, Envelope	
Media Sizes	Cassette and optional pedestal: A4, A5, B5, Legal, Letter, Executive Multi-purpose tray: A4, A5, B5, Legal, Letter, Executive, Statement, Envelope (COM10, Monarch, DL, ISO-C5, ISO-B5) Custom sizes: Width 76.2 to 215.9 mm; Length 127.0 to 355.6 mm. DADF: One-sided scanning: A4, A5, B5, Legal, Letter, Custom sizes (W x L): Max 215.9 mm x 355.6 mm Min. 128 mm x 139.7 mm) Two-sided scanning: A4, Legal, Letter	
Media Weights	Cassette and optional pedestal:	60 to 120 g/m ²
	Multi-purpose tray:	60 to 176 g/m ²
	DADF:	One-sided scanning: 50 to 105 g/m ² , Two-sided scanning: 64 to 105 g/m ²
Interface/Software		
Interface Type	USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX, 2 x USB memory slot	
Operating System Compatibility	Windows 2000/Server 2003/ Server 2008/ XP/ Vista Mac OS X version 10.2.8-10.5.x* ⁵ * ⁶ Linux* ⁵ * ⁷	
Software and Printer Management	NetSpot Device Installer, Remote User Interface (RUI), Department ID Management (100 IDs)	
General Features		
Duty Cycle	Max. 50,000 pages per month	
Warm-up Time	Approx. 60 seconds from power on	
Memory	384 MB (shared)	
Control Panel	3.5 inch colour TFT display with Easy Scroll-Wheel	
Dimensions with Trays (W x D x H)	546 mm x 527 mm x 632 mm	
Installation Space (W x D x H)	546 mm x 1140 mm x 792 mm 546 mm x 1140 mm x 1095 mm (with optional Cassette Feeding Unit-AB1 attached)	
Weight	Approx. 44 kg	
Operating Environment	Temperature:	10 to 30°C
	Humidity:	10 to 80% RH (no condensation)
Power Source	210-240V (±10%) 50/60Hz (±2Hz)	
Power Consumption	Max:	<1350 W
	Sleep mode:	16 W (with active connected PCs)
	Min Sleep mode:	1.2 W (when PCs not active)
Consumables		
Cartridge	Cartridge 317 Black (6,000 pages)* ⁸ Cartridge 317 Cyan (4,000 pages)* ⁸ Cartridge 317 Magenta (4,000 pages)* ⁸ Cartridge 317 Yellow (4,000 pages)* ⁸	

All specifications subject to change without notice.

*1 Web distribution only

*2 Scan to computer via USB connection is not supported

*3 Based on ITU-T Standard Chart No. 1

*4 Based on ITU-T Standard Chart No. 1

*5 Web distribution only

*6 Scanning is not supported

*7 English print driver only

*8 Based on 5% coverage

ACCESSORIES

Accessories

- Cassette Feeding Unit-AB1 (500 sheet cassette)
- HANDSET-J1 (Telephone handset)