

# Robust and compact for maximum impact

The ECOSYS MA4500ifx blends a compact design with reliability. Alongside fax capabilities, users get stunning output quality from the first print to the last. Offering high-end security capabilities and low energy consumption features, this MFP is the perfect fit for small to medium-size workspaces.



**ECOSYS MA4500ifx**



**Black and white A4 MFP**

**Up to 47 pages per minute**

**Duplex printing and scanning**

ECOSYS MA4500ifx

## BASIC SPECIFICATIONS

**Configuration:** Multifunctional Printer - Print/Copy/Scan/Fax  
**Pages per Minute:** Letter: 47 ppm; Legal: 38 ppm  
**Duplex Print Speed:** Letter: 23.5 ppm; Legal: 19 ppm  
**Display:** 7" Color Touch Screen Control Panel (TSI)  
**Warm Up Time:** 23 Seconds or Less (Power On)  
**First Page Out Time:** Copy: 6 Seconds or Less (with Document Processor), 7 Seconds or Less (without Document Processor), Print: 5.3 Seconds or Less  
**Resolution:** 600 x 600 dpi, Fine1200 (1200 x 1200 dpi) and Fast1200 (1800 x 600 dpi) Interpolated Resolution  
**Memory:** Std/Max: 1.5 GB / 3.5 GB  
**Dimensions / Weight:** 18.7" W x 18.7" D x 22.6" H / 49.6 lb.  
**Maximum Monthly Duty Cycle:** 150,000 Pages per Month

## POWER CONSUMPTION

**Electrical Requirements:** 120V, 60Hz, 10A; 220-240V, 50/60Hz, 5.6A  
**Typical Electricity Consumption (TEC):**  
 120V: 0.64, 220-240V: 0.62 kWh/week  
**Maximum (including Options):** 120V: 1,197, 220-240V: 1,270 W  
**Copy / Printing:** 120V: 619.6/622.6 W; 220-240V: 563.8/626.3 W  
**Ready Mode:** 120V: 55.0 W; 220-240V: 56.3 (53.3) W  
**Sleep Mode:** 120V: 0.6 W; 220-240V: 4.0 or less (0.6) W  
**Power Off:** 120V: 0.1 W; 220-240V: 3.0 or less (0.1) W

## PRINTER SPECIFICATIONS

**Standard Controller:** ARM Cortex-A53 Dual Core 1.4GHz (for printing) & ARM Cortex-M3 100MHz (for energy saver)  
**PDLs / Emulations:** Common: PCL6 (PCL XL/PCL 5c), KPDL3 (PostScript3 compatible & AES Support), PDF with KPDL3 setting, XPS/Open XPS, Common Image Format: TIFF (KPDL3; ON), JPEG (KPDL3; ON), URF, PWG Raster, PCLm, World: IBM Proprinter, EPSON LQ-850, LinePrinter  
**Fonts:** Outline: 93 Fonts (PCL 6/KPDL3), 4 Fonts (Calibri/Cambria); Bitmap: 1 Font, 79 Outline Fonts Graphics: Supporting PRESCRIBE + JPEG image commands, One-Dimensional Barcode: 45 Type; Two-Dimensional Barcode: PDF417 1 Type  
**Windows OS Compatibility:** Windows 8.1, Windows 10 (32/64/arm64), Windows 11 (32/64/arm64), Windows Server 2012/R2, 2016, 2019  
**MAC OS Compatibility:** Requires Mac OS X v10.5 or Later  
**Linux OS Compatibility:** Linux Distro version: Debian 11, Ubuntu 20.04, RHEL 8, CentOS Linux 8, Fedora 34, 35, OpenSUSE 15.3  
**Interface:** 10BASE-T/100BASE-TX/1000BASE-T(TCP/IP, NetBEUI), 1 High-Speed USB 2.0, 1 High-Speed USB 2.0 Host, 1 Expansion Slot; Optional: Wireless IB-37/38 LAN (Approx. 98 ft Range & Wi-Fi Direct), IB-51 (Approx. 328 ft Range); IB-50 Dual LAN NIC  
**Mobile Printing:** KYOCERA Mobile Print, KYOCERA My Panel, KYOCERA Print Service Plug-in, Apple AirPrint®, Mopria®, and Wi-Fi Direct<sup>1</sup>  
**Network Print and Supported Protocols:** Network printing: TCP/IP, FTP, LPR, Port 9100, NetBEUI, Apple Bonjour; Internet printing: IPP/1.0 (Some 1.1 functions are also supported); E-mail printing: Data printing of E-mail received data, Data format: PDF, PS, Text, TIFF, JPEG, XPS, OpenXPS; Secure printing: IPP over TLS; Web PAGE Function; WSD Print: WSD Compliance Scan/Print; PDF direct print: Use "KYOCERA NET Direct Print", PDF Ver. 2.0, Encryption PDF, TIFF, JPEG, XPS Mode; MPT Priority Function: 1) OFF, 2) ON, 3) Auto paper feed; Pull printing: Option, Support with KYOCERA NET Manager, Supports job selection and output by registered

user, Authentication from the panel or IC-Card authentication kit (B); Connectivity: Plug & Play (USB), SNMP (Printer MIB Support), HTTP (Command Center RX: web page), PnP-X (WS-Discovery for WSD Print Service), Apple Bonjour  
**Drivers:** KX Driver, PCL Mini Driver, KPDL Mini Driver, Windows Inbox Driver, Network FAX Driver, TWAIN Driver (Network, USB, and BOX), WIA Driver (Network and USB), MAC Driver, Linux Driver  
**Utilities:** KYOCERA Net Direct Print, Status Monitor, File Management Utility, KYOCERA Print Center, KYOCERA Quick Scan, Web Installer, KYOCERA Device Manager, KYOCERA Net Viewer, Quick Network Setup, Maintenance Menu, Wi-Fi Setup Tool, Firmware Upgrade Tool, Remote Panel, Command Center RX; KYOCERA Fleet Services (KFS) Ready  
**Additional Print Features:** HyPAS capable<sup>2</sup>, EcoPrint, Private Print, Proof and Hold, Quick Copy and Job Storage<sup>3</sup>, Print Priority Setting, Job End Notification

## SECURITY SPECIFICATIONS

Local and Network Authentication, Encryption Communication (IPsec, HTTPS, LDAP over TLS, SNMPv3, SIEM/Syslog, SMTP over TLS, POP over TLS), Optional TPM (Trusted Platform Module) chipset when UG-50 is attached, SCEP, OCSP/CRL (CRL: W/option Memory), ECDSA, Secure Boot, Run Time Integrity Check, Support for FIPS 140-3 (option SSD), Common Criteria (ISO/IEC-15408/EAL2 W/SSD), HDD Overwrite when optional storage device is attached, IPP over TLS, HTTP over SSL/TLS, FTP over SSL/TLS, Enhanced WSD over SSL/TLS,

## SCAN SPECIFICATIONS

**Scan Type:** Color and Black & White Scanner  
**Scan Resolution:** 300dpi x 300dpi, 200dpi x 200dpi(Default), 200dpi x 100dpi, 600dpi x 600dpi, 400dpi x 400dpi, and 200dpi x 400dpi  
**Scanning Functions:** Banner Scan, Scan Resolution, Line Skip, File Separation, Blank Page Skip Scan, WSD Scan (WIA Driver), PC Send (SMB Version 3.0), E-mail Send (SMTP), FTP Send (FTP, FTP over SSL), USB Send (USB), TWAIN Scan (KM-WSDL Scan Operation Service – TWAIN Driver), WIA Scan (KM-WSDL Scan Operation Service – WIA Driver), WSD Scan (WIA Driver), ChromeOS(Scan) (eSCL), AirPrint (eSCL), Mopria (eSCL)  
**File Formats:** Standard: TIFF (MMR compression), XPS, OpenXPS, JPEG, PDF/A, PDF (MMR Compression, High Compression, and Encryption). Option: Searchable PDF, MS Office File.  
**Scan Speeds: Simplex BW/Color:** @200dpi and @300 dpi: 62ipm/42ipm; @600 dpi: 42ipm/22ipm  
**Duplex (RADP) BW/Color:** @200dpi and @300 dpi: 27ipm/18ipm; @600 dpi: 18ipm/9ipm

## COPY SPECIFICATIONS

**Image Mode:** Map/Diagram: (256 tones & 2 bits/dot (FM), Text: (256 tones & 2 bits/dot (FM), Photo: (256 tones & 2 bits/dot (AM), Text + Photo: (256 tones & 2 bits/dot (FM)  
**Continuous Copy:** 1-999  
**Job Management:** Address Book: 200 (HyPAS), Job Accounting: 100 (HyPAS), Panel Program: 20 (HyPAS), Shortcut: 6 (HyPAS)  
**Magnification / Zoom:** 7 Reduction, 5 Enlargement Preset Ratios, 25 - 400% in 1% Step Increments  
**Additional Features:** Auto Duplex (One-sided to Two-sided and Two-sided to Two-sided), Continuous Scan, Blank Page Skip Copy, Line Skip Copy, ID Card Copy

## DOCUMENT PROCESSOR

**Type / Capacity:** Reverse Automatic Document Processor (RADP) / 75 Sheets  
**Acceptable Originals:** Statement to Legal (5.5" x 8.5" – 8.5" x 14")  
**Acceptable Weights:** Simplex / Duplex: 13 - 32lb Bond (50 – 120gsm)

## FAX SPECIFICATIONS

**Compatibility / Data Compression:** ITU-T G3 Fax / MMR, MR, MH, JBIG  
**Transmission Speed / Modem Speed:** 33.6kbps  
**Fax Functions:** Fax Direct Tx, Fax Memory Tx, Scheduled Transmission, Fax Polling Tx & Rx, Subaddress Tx, Subaddress Confidential Rx, Subaddress bulletin board Rx, Forward Fax, Network Fax Tx, Network Fax Rx, Shared Fax Driver, Speedy transmission of Send Job (Scheduled Job)

## PAPER SUPPLY

**Standard Paper Sources:** Single 500 Sheet Drawer, 100 Sheet Multipurpose Paper Tray  
**Standard / Maximum Paper Sources:** 2 / 6 Including Multipurpose Paper Tray  
**Standard / Maximum Paper Capacity:** 600 Sheets / 2,600 Sheets  
**Paper Size:** Standard and MPT: Statement to Legal (5.5" x 8.5" – 8.5" x 14"), Custom; MPT: Envelope, Banner  
**Paper Weight:** Standard / Optional Drawers: 16 lb. Bond – 32 lb. Bond (60 – 120gsm); MPT: 16 lb. Bond – 110 lb Index (60 – 220gsm)  
**Standard Output Tray Capacity:** 250 Sheets (Face Down)  
**Input Materials:** Standard / Optional Drawer: Plain Paper, Bond Paper, Recycled Paper; MPT: Plain Paper, Bond Paper, Labels, Recycled, Letterhead, Envelopes, OHP, Thin/Thick Paper, Coated, Banner

## PAPER HANDLING OPTIONS

**PF-3110:** Paper Feed Cassette (500 sheets x 4)  
**Paper Size:** Statement to Legal (5.5" x 8.5" – 8.5" x 14"), Envelope, Custom  
**Dimensions / Weight:** 14.9" W x 16.1"D x 4.8" H / 8.4 lbs.

## ADDITIONAL OPTIONS

**Print Management:** ThinPrint (UG-33)  
**Security:** Card Authentication Kit(B)  
**SD Card:** 16 and 32 GB  
**SSD:** HD-17: 64 GB SSD / HD-18: 256 GB SSD / HD-19: 512 GB SSD  
**Wireless LAN:** IB-37, IB-38, and IB-51 (does not support HyPAS or KFS).  
**Additional NIC:** IB-50 Gigabit NIC  
**Optional Memory:** 2 GB DIMM Memory (DDR3)  
**Other:** Scan Extension Kit (A), USB Keyboard (Customer Supplied)

## NOTE:

<sup>1</sup>Requires Optional IB-37 or IB-38

<sup>2</sup>Requires Optional Scan Extension Kit (A)

<sup>3</sup>Requires SD Card, HD-17, HD-18, or HD-19

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