KM-1650/KM-2050

A3 MONOCHROME MULTIFUNCTIONALS

A GOOD INVESTMENT GROWS WITH YOUR NEEDS.

KYOCERA

FLEXIBILITY, RELIABILITY AND EFFICIENCY FOR TODAY AND TOMORROW.

PROVEN EXPERTISE TO KEEP YOUR BUSINESS OUT IN FRONT

Kyocera has proven expertise in the fields of document printing and copying technology so is uniquely positioned to deliver multifunctionals of the highest quality. Our commitment to developing products that save you money and help the environment is equally well established. In common with every Kyocera product, the KM-1650 and KM-2050 feature long-lasting components that ensure increased reliability.

With network functionality as standard, the devices can be configured to fit your growing business needs thanks to a wide range of optional input and output enhancements. As a result, they help to reduce running costs, avoid waste, optimise workflows and, most importantly of all, let you function as efficiently as possible.

A dynamic business doesn't just focus on today. It also plans for the future so that growth can be achieved and challenges met. The KM-1650 and KM-2050 monochrome multifunctionals are uniquely equipped for just such a scenario. Compact and network-ready, they do away with the need for separate fax, print and copy devices. In doing so they save time and resources, take up little space and provide a sound investment for the future.

Optional double-sided scanning and copying
Lets you auto scan or copy on both sides of up to 50 originals.

Fast first-page-out time
So you're not kept waiting around.

Fast document output
Lets you work quicker, provides increased efficiency and frees up time for other tasks.

Network-ready
Users can share the device from the outset, without the hidden costs of network connection or separate printing options.

Large paper capacity
Lets you carry out long print runs with ease, without the need for frequent refilling.

Long-life components
Proven Kyocera technology minimises running costs, stretches service intervals, increases reliability and reduces environmental impact.

WORKGROUP EFFICIENCY THAT TAKES YOUR BUSINESS FORWARD

The KM-1650 and KM-2050 allow the entire office to become more productive. They provide fast A4 and A3 copying and printing with the option of powerful scanning and faxing. With a standard paper capacity of 350 sheets, the KM-1650 produces 16 A4 pages per minute. The KM-2050 has a standard paper capacity of 650 sheets, producing 20 A4 pages per minute. In both machines the paper capacity can be upgraded to 1,250 sheets – perfect for heavier workloads. Install either device in your office and you'll find workgroups work faster and more efficiently.

POWERFUL NETWORK PRINTING

Offering network printing as standard, the KM-1650 and KM-2050 allow everyone to share resources and information. In addition, USB 2.0 (Hi-Speed) and IEEE 1.284 parallel interfaces provide a further level of access and flexibility. A powerful processor combined with 64 MB of memory (expandable to 320 MB) allows even the most complex digital files, such as those containing photographs and graphics, to be printed at high speed. Both devices support PCL6 and offer PostScript 3 emulation, while PDF direct printing lets you print PDFs without having to open the files first.

ADVANCED COPY FEATURES

With a warm-up time of under 20 seconds and a first-copy-out time of 5.9 seconds, the KM-1650 and KM-2050 won't keep you waiting for your copies. A standard copier memory of 64 MB means you can perform complex tasks and still maintain the highest possible image quality. Should additional memory be required, an impressive 256 MB can be added.

ELECTRIC SORT MODE
Collates copy jobs automatically. Say goodbye to sorting multiple copies by hand.
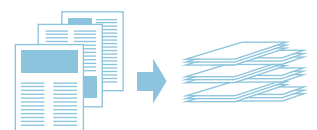
LAYOUT MODE
Lets you reduce images from either 2 or 4 originals and combine them on a single copy. Convenient, and saves paper too.

ROTATE SORT MODE
Delivers presorted multiple copy sets, saving you time. With the inclusion of the optional paper feeder, multiple copy sets are handled with ease.

EFFICIENT NETWORK SCANNING

The popularity of e-mail as a communication tool means network scanning is an extremely useful option. It allows workgroups to benefit from efficient document archiving and electronic document distribution. Scans can be sent directly to any PC or as e-mail attachments in either PDF or TIFF format. Up to 100 e-mail addresses can be stored in the address book. Meanwhile, the optional document processor allows you to take advantage of the continuous scan functionality for larger documents that remembers recipient details for several scans and scan settings.

FLEXIBLE FAX FUNCTION

An optional Super G3 fax allows fast and efficient document distribution. Once the optional document processor has been installed, double-sided A4 and A3 documents can be faxed. If both the network scan and fax options are installed, network fax transmission and reception are possible for even greater levels of operational efficiency.

Document processor
Allows high speed double-sided input of up to 50 sheets of originals.

Job separator
Lets you organise jobs efficiently by keeping print, copy and fax output separate.

Duplex unit
Provides double-sided print and copy output.

Compact internal finisher
Gives you professionally finished documents while saving space.

Optional 300-sheet paper cassettes
Make large print or copy jobs easy, with fewer paper refills.

READY TO GROW WITH YOU

Every business is unique. So why settle for a standard solution to your requirements? With the KM-1650 and KM-2050, you can select from a great range of input and output options and configure a tailor-made system to meet your every need. From extra-capacity paper cassettes to duplex units to finishers and separators, the options allow you a fine degree of customisation and add a further level of efficiency.

KM-1650/KM-2050

A3 MONOCHROME MULTIFUNCTIONALS

The KM-1650 and KM-2050 incorporate extremely durable components that guarantee efficient and reliable operation. The systems are designed to meet the demanding requirements of busy office environments. The KM-1650 and KM-2050 provide effective productivity and maximise uptime whilst ensuring a minimum impact on the environment.

GENERAL

Technology: Kyocera Laser, Mono component
Type: Desktop
Engine speed:
KM-1650: Max. 16/8 pages per minute A4/A3
KM-2050: Max. 20/10 pages per minute A4/A3
Resolution: 600 dpi x 600 dpi, 256 greyscales (scan/copy), Fast 1,200 dpi (1,800 x 600 dpi), 2,400 x 600 dpi with KIR2 (print)
Time to first copy: 5.9 seconds or less
Time to first page: 5.5 seconds or less
Warm-up time: 20 seconds or less
Power Source: AC 220 V ~ 240 V, 50/60 Hz
Power Consumption:
KM-1650: Printing: 485W, Stand-By: 105W, Low power: 47W
KM-2050: Printing: 499W, Stand-By: 105W, Low power: 47W
Noise (ISO 7779): Printing: 62dB, Stand-By: 40dB
Dimensions (W x D x H):
KM-1650: 574 x 593 x 502 mm
KM-2050: 574 x 593 x 607 mm
Weight:
KM-1650: Approx. 41 kg
KM-2050: Approx. 47 kg
Certification: GS/TÜV/CE
This product is produced according to the quality norm ISO 9001 and the environmental guidelines ISO 14001

PAPER HANDLING

All mentioned paper capacities are based on a paper thickness of max. 0,11 mm. Please use paper recommended by Kyocera Mita under normal environmental condition.

Input capacity: 300- sheet universal feeder, 64-105g/m^2, A3, A4, A5, A6, Ledger, Letter, Legal, Folio
50-sheet multi-purpose tray, 45-160g/m^2, A3, A4, A5, A6, Ledger, Letter, Legal, Folio,
Custom (98 x 147 - 297 x 432 mm)
Max. 1,250 sheets (4 paper feeders)
Output capacity: 250-sheet face-down

COPY FUNCTIONS

Max. original size: A3
Continuous copying: 1 - 999
Memory capacity: 64 MB standard, Max. 256 MB, 1 additional DIMM slot (16, 32, 64, 128 MB)
Zoom range: 25 - 200% in 1% steps
Present magnification ratios: 5R / 4E
Digital copy features: Energy save mode, interrupt copy, scan-once-print-many, electronic sort, rotate sort, rotate sort copy*[1], automatic paper selection, duplex*[2], stapling*[3], layout mode (2-in-1, 4-in-1), filling copy, split copy, margin shift, boarder erase, ECOcopy mode, program key mode, department code (100)
Exposure mode: Auto, Manual: 7 steps
Image adjustments: Text + Photo, Text, Photo

*[1] only KM-1650: Additional paper feeder PF-410 is required
*[2] Additional duplex unit DU-410 is required
*[3] Additional document finisher DF-410 is required

CONTROLLER PRINT FUNCTIONS (standard)

Processor: PowerPC 750CXr 300MHz
Memory: 64 MB standard, Max. 320 MB, 1 additional DIMM slot (32, 64, 128, 256 MB) + Microdrive
Emulations: PCL6/PCL5e incl. PJL, KPDL 3 (PostScript 3 compatible) with Automatic Emulation Sensing (AES), Line Printer, IBM Proprinter X24E, Epson LQ-850, Diablo 630
Controller language: PRESCRIBE IIe
Fonts: 80 outline fonts (PCL), 136 outline fonts(KPDL3), 1 bitmap font, 45 types of one-dimensional barcodes, plus two-dimensional barcode PDF-417
Print features: eMPS-for quick copy, proof, and hold private print, storage and job management functionality with Microdrive, PDF direct printing

INTERFACES

Standard interface: High-speed bi-directional parallel (IEEE 1284), USB 2.0 (High-speed), 10Base-T/100Base-TX standard, KUIO LV Option-Interface slot, CF card Option-interface slot, Microdrive Option-interface slot
Multiple interface connection (MIC): MIC allows for simultaneous data transfer via up to three interfaces, with each interface having its own virtual printer.

SCAN FUNCTIONS (optional)

Scan Functionality: Scan-to-PC, scan-to-email, network TWAIN
Scan Speed: Max. 20 originals per minute (600 dpi/A4)
Original type: Text, photo, text + photo and OCR
Maximum scan size: A3
Scan resolution: 600, 400, 300, 200 dpi (256 grayscales)
Applicable PC: IBM PC/AT compatible
Applicable OS: Windows 95, 98, Me, NT4.0, 2000, XP, Server2003, Mac
Interface: 10/100Base-TX
Network protocol: TCP/IP
Compression format: G4 (MMR)
Image format: TIFF, PDF
Bundled software: Scanner file utility, Address book, Address editor, TWAIN Source, Scan to Mac, PaperPort 8.2

FAX FUNCTIONS (optional)*

*Optional document processor DP-410 is required
Compatibility: ITU-T Super G3
Modem speed: Max. 33.6 kbps
Transmission speed: 3 seconds or less (JBIG)
Scanning speed: 1 second
Scanning density: 8 dot/mm x 3.85 line/mm, Fine: 8 dot/mm x 7.7 line/mm, Superfine: 8 dot/mm x 15.4 line/mm, Ultrafine:16 dot/mm x 15.4 line/mm (with optional memory), halftone
Maximum original size: A3
Compression method: JBIG, MMR, MR, MH
Memory: Standard 4 MB Bitmap (Max. 8 MB), Standard 4 MB Image (Max. 32 MB)
Fax features: Network faxing*, rotate transmission, duplex fax reception, confidential, relay and bulletin board, transmission and reception, N-up reception, mailbox, remote diagnostics.
*Optional Scan system(F) is required
Bundled software: Address book for fax, Address editor for fax

OPTIONS

Scan system (F), Fax system (L)

Paper handling
DP-410A Document Processor: 50-sheet, Duplex scan, 45-160g/m^2, A3-A5R, Folio, Ledger-Statement-R
PF-410A Paper feeder: 300-sheets, 60-105g/m^2, A3-A5R, Folio, Ledger-Statement-R
DU-410 Duplex unit: 60-80g/m^2, A3-A5R, Folio, Ledger-Statement-R
JS-410 Job separator: 100-sheet, 45-90g/m^2, A3-A5R, Folio, Ledger-Statement-R
DF-410 Document finisher: 500-sheet, 60-105g/m^2, A3-B5, Folio, Ledger-Statement-R, Staple(30-sheet), 1 position

Memory
Copy Memory
DIMM memory: Max. 256 MB, 1 additional DIMM slot (16, 32, 64, 128 MB)
Printer Memory
DIMM memory: Max. 320 MB, 1 additional DIMM slot (32, 64, 128, 256 MB)
CompactFlash card: 1 slot (max. 2 GB), forms, fonts, logos, macro storage
Microdrive: 1 slot, storage of data, forms, fonts, etc and eMPS
Fax Memory
MM-13-32: Bitmap (4 MB) and Image memory (28 MB)

Optional interface
IB-23 Network card: 10Base-T/100Base-TX
SB-70 Network card: Wireless LAN - IEEE 802.11b
IB-11 Serial Interface: RS-232C Serial Interface (up to 115.2kbps)

Others
Platen cover (D)
CB-411 cabinet: High metal cabinet with storage capacity
CB-416 cabinet: Low metal cabinet with storage capacity
CB-410 cabinet: High wooden cabinet with storage capacity
CB-415 cabinet: Low wooden cabinet with storage capacity

CONSUMABLES

TK-410 Toner-Kit: Microfine toner for 15,000 pages at 6% A4 coverage

Capacity of starter toner is 3,000 pages at 6% A4 coverage

Select your options to suit your needs:

Document processor (DP-410A)

Job separator (JS-410)

Duplex unit (DU-410)

Paper feeder (PF-410A)

Low wooden cabinet with storage capacity (CB-415)

Product depicted includes optional extras