

**KM-C850/C850PN**

# discover

▶ a new level of cost-effective  
colour copying and printing for  
your office



▶ print ▶ copy ▶ scan ▶ fax

- 31 ppm mono / 8 ppm colour (A4) digital copier
- Time to first copy in colour: 25 seconds
- Standard paper input capacity of 1,150 sheets from 3 sources
- Kyocera colour printing controller and network connectivity as standard (KM-C850PN)

Photo shows product including options  
(DF-35, Document finisher/SRDF-2, Document processor/PF-35, Paper feeder)

Powerful, reliable, intelligent: the KM-C850/C850PN Colour Multifunctional brings a new dimension of colour copying and printing to your entire department. The KM-C850PN makes it possible for everyone in your workgroup to print, copy, scan and fax from just one device – all in full colour, and with Kyocera's proven dependability and ease of use. Discover the power of colour for every element of your business.

 **KYOCERA**

# KM-C850/ KM-C850PN

## Colour/Monochrome Multifunctional

The KM-C850/C850PN incorporates extremely durable components that guarantee smooth and reliable operation. The system is designed to last for extreme long hardware maintenance cycles. The drum is designed to last 600,000 images and the developer unit 300,000 pages. Thus the KM-C850/C850PN keeps your overall operating costs low and productivity high – at the same time ensuring a minimum impact on the environment.

### System platform

The KM-C850PN delivers outstanding network connectivity and problem-free system administration. Kyocera's single-

### GENERAL

**Technology:** Kyocera Colour laser  
**Type:** Multicoloured multifunctional system  
**Engine speed:** Max. 31/15 Pages A4/A3 per minute b/w, Max. 8/4 pages A4/A3 per minute colour  
**Resolution:** 600 x 600 dpi, 256 greyscale (scan/copy) 600 x 600 dpi, 2400 x 600 with KIR2, 2/4 bit/dot (print)  
**Time to first copy:** 11 seconds or less in b/w, 25 seconds or less in colour  
**Warm-up time:** 180 seconds or less  
**Duty cycle:** 100,000 pages per month b/w, 25,000 pages per month colour  
**Power source:** AC 220 ~ 240 V, 50/60 Hz  
**Noise:** Copying/Printing 60 dB(A), Standby 43 dB(A)  
**Dimensions (W x D x H) (incl. PF-35 or PD-800):** 590 x 585 x 870 mm  
**Weight (incl. PF-35):** Approx. 115 kg  
**Certification:** GS/TUV/CE  
 This product is produced according 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 conditions.

**Input capacity (incl. PF-30A):** 500-sheet x 2 universal cassette, 64-90 g/m<sup>2</sup>, A5R, A4, A3, Folio 150-sheet multi-purpose tray, 64-220 g/m<sup>2</sup> (A4), A6R-A3, Folio, Envelopes 250-sheet x 2 optional cassette, 64-90 g/m<sup>2</sup>, A5R, A4, A3, Folio Max. capacity 1,650 sheets  
**Output capacity:** 500-sheet inner tray, 150-sheet side eject

### COPY FUNCTIONS

**Max. original size:** A3  
**Continuous copy:** 1 - 999  
**Memory capacity:** Standard 256 MB, Max. 256 MB + 20 GB HDD (with MB-7A)  
**Zoom:** 25% - 400% in 1% steps, XY Zoom, 5R/5E  
**Exposure modes:** Mixed, Text, Print, Photo, Map, ECO mode  
**Image adjustments:** Quick image, Colour balance, Hue, Sharpness, Low or high gloss mode, Colour calibration  
**Features:** Auto colour selection, Auto drawer switching, Auto paper selection, Auto magnification selection, Auto exposure selection, Duplex<sup>\*1</sup>, Section management (500 sections)<sup>\*2</sup>, Scan once copy many, Rotate copy, Electronic sort<sup>\*2</sup>, Rotate sort<sup>\*2</sup>, Mono colour copy, Booklet copy<sup>\*1</sup>, Booklet to booklet<sup>\*1</sup>, N-up copy<sup>\*2</sup>, Page numbering, Cover<sup>\*2</sup>, Insert<sup>\*2</sup>, Chapter<sup>\*2</sup>, OHP mode, Thick paper mode, Margin, Border erase, Invert, Mirror, Page separation, Filing<sup>\*3</sup>, Poster, Delivery copy  
<sup>\*1</sup> Requires optional MB-7A and PD-800  
<sup>\*2</sup> Requires optional MB-7A  
<sup>\*3</sup> Requires optional MB-7A and SRDF-2

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platform technology means that the same driver can be used for every Kyocera print device in the network: from single-user desktop printers to high-end multifunctional systems. Only Kyocera offers this effortless combination of IT sophistication and high-performance paper handling expertise.

### PRESCRIBE IIe/IIc

With the Kyocera page design and control language PRESCRIBE IIe/IIc, even complex graphics, logos and forms (and multipart forms) can be created independently of the system and saved and updated in the print controller. Consequently, integration into print files no longer applies. They are only accessed as required and therefore relieve the load on the network.

### Typefaces and barcodes

The 136 scalable PostScript fonts provide high flexibility for all applications. A total of 45 integrated barcodes including hash totals are computed automatically by the printer and printed in the desired size, alignment and position.

### PRINT FUNCTIONS\*

**Processor:** PowerPC 750CX / 400 MHz  
**Memory:** Standard 128 MB + EComemory, max. 640 MB, 2 additional DIMM slots (32, 64, 128, 256 MB)  
**Emulations:** PCL6, PCL5c incl. P1L, KPDL3 (PostScript3 compatible), KC-GL (HP-GL 7550A), PDF Direct Print  
**Controller language:** PRESCRIBE IIc  
**Fonts:** 80 outline fonts (PCL), 1 Bitmap font, 136 outline fonts (KPDL3), 45 types of one-dimensional and 1 type of two-dimensional barcodes (PDF-417)  
**Features:** eMPS - for quick copy, proof and hold, private print, storage and Job management functionality with hard disk  
<sup>\*</sup>KM-C850PN or Printing System (S)

### INTERFACES

**Standard interface:** High speed bi-directional parallel (IEEE 1284), USB (Full Speed), Fast Ethernet 10/100Base-TX, KUJO-LV slot for optional 2nd parallel interface or RS-232C serial interface or network interface card.  
**Multiple Interface Connection (MIC):** MIC allows for simultaneous data transfer via up to four interfaces, with each interface having its own virtual printer.

### SCAN FUNCTIONS (OPTIONAL)<sup>\*1</sup>

**Functionality:** Scan-to-PC, scan-to-mail, network TWIN  
**Scan speed:** 31 originals per minute (600 dpi/A4) b/w, 15 originals per minute (600 dpi/A4) colour  
**Original type:** Text, photo, text + photo, OCR  
**Max. scan size:** A3  
**Resolution:** 600, 400, 300, 200 dpi (256 greyscales)  
**Applicable PC:** IBM PC/AT compatible  
**Applicable OS:** Windows 95, 98, Me, NT4.0, 2000, XP  
**Interface:** 10/100Base-TX  
**Compression method:** G4 (MMR), colour: JPEG (compression ratio selectable)  
**Image format:** TIFF, PDF, JPEG  
**Network protocol:** TCP/IP  
**Bundled software:** DB-Assistant, Scanner file utility, Address book, Address editor, TWIN Source, PaperPort 8.0

<sup>\*1</sup> Requires optional MB-7A for KM-C850 (Standard on KM-C850D)

### FAX FUNCTIONS (OPTIONAL)

**Compatibility:** ITU-T Super G3  
**Modem speed:** Max. 33.6 kbps  
**Transmission speed:** 3 seconds or less (JBIG)  
**Scanning speed:** 1 second  
**Scanning density:** Normal: 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  
**Max. original size:** A3  
**Compression method:** JBIG, MMR, MR, MH

### CompactFlash® card

The CompactFlash® card offers abundant storage space for typefaces, logos, standard forms and signatures as well as individual API or PRESCRIBE macros.

### Hard disk

The hard disk offers even more efficient document management. At the same time it enables the management of print data with eMPS functions such as quick copy, proof and hold, private print and job storage.

### KM-NET VIEWER

KM-NET VIEWER is an advanced network management software tool that is compatible with all Kyocera printers and multifunctional products as well as those of other vendors by using the standardized protocol SNMP. The settings of all print devices on the network can be checked visually and amended from any Windows PC. KM-NET VIEWER also acts as a valuable, real-time early warning system by sending e-mail messages to users/administrators.

**Memory:** Standard 4 MB Bitmap (Max. 8 MB), Standard 4 MB Image (Max. 8 MB)

**Features:** Network faxing<sup>\*\*</sup>, Rotate transmission, Duplex fax reception<sup>\*\*</sup>, Confidential, Relay and bulletin board transmission and reception, N-up reception, Mailbox, Remote diagnostics  
<sup>\*\*</sup> Requires optional Scan system (G)  
<sup>\*\*</sup> Requires optional PD-800

### OPTIONS

Platen cover (B), Scan system (C), Fax system (G)

### Paper handling

**SRDF-2 Document processor:** Reversing document processor, 100-sheet, 35-160 g/m<sup>2</sup>, A5R-A3, Folio (ADF), 100-sheet, 50-120 g/m<sup>2</sup>, A5R-A3, Folio (RADF)  
**PD-800 Duplex unit:** Duplex + 500-sheet universal cassette, 64-90 g/m<sup>2</sup>, A5R, A4, A3, Folio  
**PF-35 Paper feeder:** 250-sheet x 2, 64-90 g/m<sup>2</sup>, A5R-A3  
**DF-35 Document finisher:** 3,000-sheet, 60-200 g/m<sup>2</sup>, A6R-A3, Folio, 2/4 hole punch, staple (50-sheet b/w, 30-sheet colour), 3 modes

### Memory

**Printer memory:** 2 slots, (32, 64, 128, 256 MB DIMM)  
**CompactFlash® card:** 1 slot, (8, 16, 32, 64 MB) forms, fonts, logos, macro storage  
**HD-4 Hard disk:** 20 GB, storage of data, forms, fonts, etc. + eMPS  
**MB-7A memory:** Electronic sort kit 20 GB (Standard on KM-C850D)  
**Cabinet:** Desk with storage capacity

### OPTIONAL INTERFACES

**IB-21E Network card:** 10/100Base-TX  
**SB-110FX Network card:** 10/100Base-TX / 100Base-FX, FiberOptic  
**SB-140 Network card:** 10Base-2 / 10/100Base-TX  
**SB-50 Network card:** 10Base-FL, Fiberlink  
**SB-60 Network card:** TokenRing STP/UTP  
**SB-70 Network card:** Wireless LAN – IEEE 802.11b  
**SB-80 Parallel interface:** 2nd Parallel interface – IEEE 1284  
**IB-11 Serial interface:** RS-232C Serial interface (up to 115.2 kbps)

### PRODUCT VARIATION

KM-C850D/KM-C850DPN with duplex unit PD-800 as standard (instead of PF-30A)



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