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**TASKalfa 4551ci**

COLOUR MULTIFUNCTIONAL  
FOR A3 FORMAT

# THE RELIABLE AND EFFICIENT MULTIFUNCTIONAL.



The TASKalfa 4551ci is a highly versatile multifunctional device that delivers truly brilliant, high-quality colour prints with impressive speed. With simple scan functions to convert paper documents into digital files, which can be stored on the internal hard disc drive, or on a USB stick, or scanned direct to e-mail. With KYOCERA long-life technology it just keeps on going. The sort of reliability that really pays when you have large output volumes.

- > Up to 45 pages per minute A4 in colour
- > Advanced colour technology for excellent quality
- > Standard 3.5 GB RAM + 320 GB HDD memory storage
- > Wide range of media up to 300 g/m<sup>2</sup>, 305 x 457 mm and banner printing
- > Extensive media handling and finishing options (8 media types supported, booklet and tri folding capability)
- > Optional scan to searchable PDF solution (OCR)
- > Optional EFI Fiery controller
- > Long-life components provide unprecedented efficiency and reliability

## GENERAL

**Technology:** KYOCERA Laser Colour, HyPAS™ solution platform  
**Engine speed (pages per minute):** Up to 45/22 ppm A4/A3 in colour and b/w  
**Resolution:** 600 x 600 dpi, Multi-bit technology for print quality of 9,600 dpi equivalent x 600 dpi  
**Warm-up time from power on:** Approx. 30 seconds or less  
**Time to first page:** Approx. 3.9 sec. or less in b/w; 5.1 sec. or less in colour  
**CPU:** Freescale QorIQ P1022 (Dual Core) 1067MHz  
**Memory (standard max.):** 3.5 GB RAM + 320 GB HDD  
**Standard interface:** USB 2.0 (Hi-Speed), USB Host 2.0, Fast Ethernet 10Base-T/100BaseTX/1000BaseT, slot for optional print server, slot for optional SD-card, slot for optional Fax System  
**Dimensions (W x D x H):** Main unit: 668 x 767 x 747 mm  
**Weight:** Main unit approx. 114 kg  
**Power source:** AC 220 V ~ 240 V, 50/60 Hz  
**Power consumption:**  
 Printing: 1030 W (in colour), 990 W (in b/w)  
 Ready mode: 200 W  
 Sleep mode: Recover priority 10.7 W or less  
 Energy saving priority 1.8 W or less  
**Noise (sound pressure level ISO 7779/ISO 9296):**  
 Printing monochrome: 49.9 dB(A) LpA  
 Printing in colour: 50.2 dB(A) LpA  
 Ready mode: 38.3 dB(A) LpA  
**Safety standards:** GS, TÜV, CE  
 This unit is manufactured according to ISO 9001 quality standard and ISO 14001 environmental standard.  
 RoHS compatibility

## PAPER HANDLING

All paper capacities quoted are based on paper thickness of max. 0.11 mm. Please use paper recommended by KYOCERA under normal environmental conditions.  
**Input capacity:**  
 150-sheet multi-purpose tray, 60–300 g/m<sup>2</sup> (banner 136–163 g/m<sup>2</sup>), A6R–305 x 457 mm, Tab paper (136–256 g/m<sup>2</sup>), banner max. 305 x 1,220 mm; 2 x 500-sheet universal paper cassette, 60–256 g/m<sup>2</sup>, 140 x 182–305 x 457 mm  
 Max. input capacity with options: 7,650 sheets A4  
**Duplex unit:** Duplex as standard supports A5R–305 x 457 mm, 60–256 g/m<sup>2</sup>  
**Output capacity:** Standard 250 sheets face-down, max. output capacity 4,300 sheets

## PRINT FUNCTIONS

**Controller language:** PRESCRIBE IIc  
**Emulations:** PCL6 (PCL5c / PCL-XL), KPD3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print  
**Operating systems:** All current Windows operating systems, Mac OS X Version 10.4 or higher, UNIX LINUX, as well as other operating systems on request.  
**Fonts/barcodes:** 93 outline fonts (PCL), 136 fonts (KPD3), 8 fonts (Windows Vista), 1 Bitmap font, 45 types of one-dimensional barcodes plus two-dimensional barcode (PDF-417)  
**Print features:** Encrypted PDF Direct Print, IPP printing, e-mail printing, WSD print, secure printing via SSL, IPsec, SNMPv3, Quick copy, proof and hold, private print, job storage and job management functionality

## COPY FUNCTIONS

**Max. original size:** A3  
**Continuous copying:** 1–999  
**Zoom range:** 25–400 % in 1 % steps  
**Preset magnification ratios:** 5R/5E  
**Digital features:** Scan-once-copy-many, electronic sort, 2in1 and 4in1 function, image repeat copy, page numbering, cover mode, booklet copy, interrupt copy, form overlay, stamp function and skip blank page function.  
**Exposure mode:** Auto, manual: 7 or 13 steps  
**Image adjustments:** Text + photo, text, photo, map

## SCAN FUNCTIONS

**Functionality:** Scan-to-email, Scan-to-FTP, Scan-to-SMB, Scan-to-USB Host, Scan-to-box, Network TWAIN, WSD scan  
**Scan speed:** (A4, 300 dpi with DP-772) b/w 160 images per minute, colour 160 images per minute  
**Scan resolution:** 600 dpi, 400 dpi, 300 dpi, 200 dpi, 200 x 100 dpi, 200 x 400 dpi, (256 greyscales)  
**Max. scan size:** A3  
**Original recognition:** Text, photo, text + photo, optimised for OCR  
**Network protocol:** TCP/IP  
**File types:** PDF (high compressive, encrypted, PDF/A), Searchable PDF (Option), JPEG, TIFF, XPS

## FAX FUNCTIONS (OPTIONAL)

**Compatibility:** ITU-T Super G3  
**Modem speed:** Max. 33.6 kbps  
**Transmission speed:** Max. 3 seconds (JBIG)  
**Fax resolution:**  
 Normal: 200 x 100 dpi  
 Fine: 200 x 200 dpi  
 Superfine: 200 x 400 dpi  
 Ultrafine: 400 x 400 dpi  
**Maximum original size:** A3  
**Compression method:** JBIG, MMR, MR, MH  
**Memory:** Standard 12 MB, max. 128 MB  
**Features:** Opt. Internet-fax, network faxing, rotate transmission, rotate reception, duplex fax reception, memory reception, mailbox, remote diagnostics, dual fax with second fax system

## CONSUMABLES

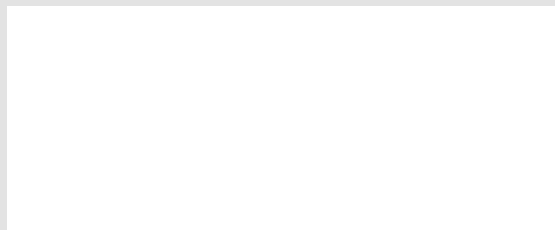
Average continuous toner yield in accordance with 5 % coverage A4.  
**TK-8505K Toner-Kit:** Toner Black for 30,000 pages  
**TK-8505C, TK-8505M, TK-8505Y Toner-Kits:** Toner Cyan, Magenta, Yellow for 20,000 pages  
**WT-860 Waste Toner Bottle:** 25,000 sheets (in accordance with 5 % coverage b/w: colour=7:3)  
**Staple cartridge:**  
**SH-10** for DF-770, BF-730  
**SH-12** for DF-790

## OPTIONS

**Fax System (W) B**  
**Internet Fax Kit (A)**  
**Scan Extension Kit (A):**  
 Scan to searchable PDF solution (embedded OCR)  
**Printing System (13):** Fiery Controller

## Printing System Interface Kit (B):

Interface board for Fiery  
**Paper handling**  
**DP-770(B) Document processor:** (reversing document processor), 100 sheets, 45–160 g/m<sup>2</sup>, A5R–A3, A6R (simplex only)  
**DP-772 Document processor:** (one-path duplex scanning) 175 sheets, 35–220 g/m<sup>2</sup> (simplex), 50–220 g/m<sup>2</sup> (duplex), A6R–A3  
**PF-730(B) Paper feeder:** 2 x 500 sheets, 60–256 g/m<sup>2</sup>, A5R–305 x 457 mm, folio  
**PF-740(B) Paper feeder:** 3,000 sheets, 60–256 g/m<sup>2</sup>, A4, B5, letter  
**PF-770 A4 side deck:** 3,000 sheets, 60–300 g/m<sup>2</sup>, A4, B5  
**PF-780(B) Multimedia tray and paper path unit:** 500 sheets, 60–256 g/m<sup>2</sup>, A5R–305 x 457 mm  
**DT-730(B) Document tray**  
**DF-790(C) Document finisher + AK-731:** Main tray: max. 4,000 sheets A4 (3,000 sheets with attachment BF-730); max. 60–300 g/m<sup>2</sup>; max. B5R–305 x 457 mm  
 Sub tray: 200 sheets A4; 60–300 g/m<sup>2</sup>; A6R–305 x 457 mm  
 Sub tray (top): 100 sheets; 60–300 g/m<sup>2</sup>; A6R–A4  
 Stapling up to 65 sheets A4 or 30 sheets A3 at 3 positions, B5–305 x 457 mm  
**DF-770(D) Document finisher + AK-731:**  
 Main tray: 1,000 sheets A4, 60–300 g/m<sup>2</sup>, B5E–305 x 457 mm, 3 positions stapling up to 50 sheets A4 or 30 sheets A3  
 Sub tray: 100 sheets A4, 60–300 g/m<sup>2</sup>, A4–A6R,  
**PH-7C/PH-7D Punch unit for DF-790(C)/DF-770(D):**  
 2-hole/4-hole/Swedish type, 60–300 g/m<sup>2</sup>, A5R–A3  
**MT-730(B) Mailbox sorter for DF-790(C):**  
 7 bins x 100 sheets A4, 50 sheets A3/B4, 60–163 g/m<sup>2</sup>  
**BF-730 Booklet and tri-folding unit for DF-790(C)**  
 Half folding: 60–256 g/m<sup>2</sup>, A3, B4, A4R  
 Booklet: max. 16 sheets (64 pages, 60–90 g/m<sup>2</sup>)  
 Non-staple folding: max. 5 sheets (60–90 g/m<sup>2</sup>)  
 Tri-folding: 60–105 g/m<sup>2</sup>, A4R  
 Multi tri-folding: 5 sheets (60–90 g/m<sup>2</sup>), 3 sheets (91–105 g/m<sup>2</sup>)  
**JS-730 Job separator:**  
 30-sheet internal job separator, 60–256 g/m<sup>2</sup>, A5R–A3  
**JS-731 Job separator:**  
 70-sheet external job separator, 60–256 g/m<sup>2</sup>, A5R–A3  
 \*Bridge unit AK-731 is required for the use of DF-790(C) and DF-770(D).  
**Banner Guide (A):** Banner paper feeding guide, up to 10 sheets  
**Fax memory**  
**MM-16-128:** Optional fax memory (128 MB)  
**Security**  
**Data security kit (E):** In line with ISO 15408 (Common Criteria) with security level EAL3  
**Printed Document Guard Kit (B)**  
**USB IC Card Reader:** Card Authentication Kit (B) A/C Card Reader Holder (E)  
**UG-33:** ThinPrint support  
**UG-34:** Emulation (IBM Proprietary/EPSON LQ-850/Diablo 630)  
**Optional interface**  
**IB-50:** Gigabit-Ethernet board 10BaseT/100BaseTX/1000BaseT  
**IB-51:** Wireless Lan interface  
**Platen cover (E)**  
**CB-730:** Wooden cabinet  
**CB-731:** Metal cabinet



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