

# TASKalfa 4550ci

COLOUR MULTIFUNCTIONAL FOR A3 FORMAT

► print ► copy ► scan ► fax

## NEED A HIGH-QUALITY, MULTIFUNCTIONAL COLOUR PERFORMER?

The TASKalfa 4550ci is a highly versatile multifunctional device that delivers truly brilliant, high-quality colour prints with impressive speed. With easy scan functions that 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 its long-life KYOCERA component 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 2 GB RAM + 320 GB HDD memory storage
- ▶ Wide range of media up to 300 g/m<sup>2</sup>, 304.8 x 457.2 mm and banner printing
- ▶ Max. 8 media types of paper handling, and finishing options with booklet and tri-folding
- ▶ Optional high-speed and large-capacity one-path duplex scanning
- ▶ Optional EFI Fiery controller and colour management
- ▶ Long-life components provide unprecedented efficiency and reliability



Wide-screen, easy-to-use, colour touch panel gives simple, intuitive access to all device functions.

The PF-780 multi-media tray and paper unit support coated papers, different paper weights and formats.



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The TASKalfa 4550ci incorporates extremely durable components that guarantee efficient and reliable operation to meet the demanding requirements of busy office environments. The TASKalfa 4550ci provides effective productivity and maximum flexibility whilst ensuring minimum impact on the environment.

## 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. 4.7 sec. or less in b/w; 6.0 sec. or less in colour

**CPU**  
IBM PowerPC 750GL/750MHz

**Memory (standard, max.)**  
2 GB RAM + 320 GB HDD

**Standard interfaces**  
USB 2.0 (Hi-Speed), USB Host 2.0, Fast Ethernet 10Base-T/100BaseTX/1000BaseT, slot for optional print server, slot for optional CompactFlash® 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: 1,070 W (in colour), 980 W (in b/w)  
Ready mode: 200 W  
Sleep mode: 21 W

**Noise (ISO 7779 / ISO 9296)**  
Printing: 72.5 dB(A) in colour, 72.5 dB(A) in b/w  
Stand-by (Ready mode): 58 dB(A)

**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>, A6R–304.8 x 457.2 mm, banner max. 304.8 x 1,219.2 mm;  
2 x 500-sheet universal paper cassette, 60–256 g/m<sup>2</sup>, A5R–304.8 x 457.2 mm  
Max. input capacity with options: 7,650 sheets A4

**Duplex unit:** Duplex as standard supports A5R–304.8 x 457.2 mm, 60–256 g/m<sup>2</sup>

**Output capacity**  
250 sheets face-down, max. output capacity 320 sheets

## Print functions

**Controller language:** PRESCRIBE IIc

**Emulations:** PCL6 (PCL5c / PCL-XL), KPDL3 (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 (KPDL3), 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, SNMv3, 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

**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-771)**  
b/w 140 images per minute, colour 110 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, OCR

**Network protocol:** TCP/IP

**File types:** PDF (high compressive, encrypted, PDF/A), JPEG, TIFF, XPS

## Fax functions (optional)

**Compatibility:** ITU-T Super G3

**Modem speed:** Max. 33.6 kbps

**Transmission speed:** Max. 3 seconds (JBIG)

**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 halftone

**Max. original size:** A3

**Compression method:** JBIG, MMR, MR, MH

**Memory:** Standard 12 MB, max. 120 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 (V)**

**Internet Fax Kit (A)**

**Printing System (11):** Fiery Controller

**Printing System Interface Kit (A):** Interface board for Fiery

**Paper handling**

**DP-770 Document processor** (reversing document processor), 100 sheets, 45–160 g/m<sup>2</sup>, A5R–A3, folio

**DP-771 Document processor** (one-path duplex scanning) 175 sheets; 35–220 g/m<sup>2</sup> (simplex), 50–220 g/m<sup>2</sup> (duplex); A5R–A3, folio

**PF-730 Paper feeder**  
2 x 500 sheets, 60–256 g/m<sup>2</sup>, A5R–304.8 x 457.2 mm, folio

**PF-740 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 Multimedia tray and paper pass unit**  
500 sheets, 60–256 g/m<sup>2</sup>, A5R–304.8 x 457.2 mm

**DT-730 Document tray**

**DF-790\* Document finisher + AK-730**  
Main tray: max. 4,000 sheets A4 (3,000 sheets with attachment BF-730); max. 60–300 g/m<sup>2</sup>; max. B5R–304.8 x 457.2 mm

Sub tray: 200 sheets A4; 60–300 g/m<sup>2</sup>; A6R–A3  
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, B5–304.8 x 457.2 mm

**DF-770\* Document finisher + AK-730**

Main tray: 1,000 sheets A4, 60–300 g/m<sup>2</sup>, B5E–A3, 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/DF-770**  
2-hole/4-hole/Swedish type, 60–300 g/m<sup>2</sup>, A5R–A3

**MT-730 Mailbox sorter for DF-790**

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**

Max. 64 pages (16 sheets) booklet folding and stapling 60–256 g/m<sup>2</sup>, A3, B4, A4R, cover sheet 60–220 g/m<sup>2</sup>

(simplex), tri-folding: 60–120 g/m<sup>2</sup>, multi tri-folding: 5 sheets (60–90g/m<sup>2</sup>), 3 sheets (91–120g/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-730 is required for the use of DF-790 and DF-770.

## Memory

**CompactFlash® card**

1 slot (up to 4 GB) for printing forms, fonts, logos, macro storage

## Fax memory

**MM-16-128:** Image memory (120 MB)

## Security

**Data security kit (E)**

ISO 15408 (Common Criteria) with security level EAL3

## Printed Document Guard Kit (A)

**USB IC Card Reader**

**UG-33:** ThinPrint support

**UG-34:** Emulation (IBM Proprinter/EPSON LQ-850/Diablo 630)

## Optional interface

**IB-50:** Gigabit-Ethernet board 10BaseT/100BaseTX/1000BaseT

## Platen cover (E)

**CB-730** Wooden cabinet

**CB-731** Metal cabinet



Your KYOCERA Business Partner:

KYOCERA MITA Europe B.V. – Branch Office Germany – Otto-Hahn-Straße 12 – 40670 Meerbusch – Germany  
Tel +49 (0) 2159 928-500 – Fax +49 (0) 2159 918-100  
www.kyoceramita-europe.com – info@kyoceramita-europe.com

KYOCERA MITA Corporation – 2-28, 1-Chome – Tamatsukuri – Chuo-Ku  
Osaka 540-8585 – Japan – www.kyoceramita.com

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Product depicted includes optional extras.

