



COLOR MULTIFUNCTIONAL DIGITAL SYSTEMS

d-Color

MF2554 and MF3254

Committed to the Environment and Data Security



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COLOR



SPEED



QUALITY



COLOUR TOUCH SCREEN



ECO-FRIENDLY



NETWORK



SAFETY



MOBILITY AND CLOUD



WI-FI AND WI-FI DIRECT

The d-Color MF2554 and d-Color MF3254 A3 colour multifunctional systems are the result a technological evolution, over the last decade, to become one two of the most reliable and competitive mid-volume printer-copier-scanners available on the market today.

The d-Color MF2554 and d-Color MF3254 are characterised by a combination of exceptional print quality and reduced energy consumption, with the use of toners with low melting temperature, as well as outstanding data management security and configuration modularity resulting from the availability of the “Common criteria”, according to ISO/IEC 15408, as standard on these models.

A wide range of options allows for improved configuration modularity, to achieve the high levels of productivity demanded now by modern offices and workgroups.

One of the ways in which productivity has been improved is with the help of a special movement sensor which detects the approach of the user and it automatically activates the machine allowing to operate its instant without loss of time.

The newly designed 10.1 inch multi-touch operator provides an intuitive user operational interface. for all users, including those who have little or no experience of the machine, which greatly reduces the amount of time people need to spend standing by it.



IMPROVED PRODUCTIVITY AND TIME SAVINGS THANKS TO THROUGH THE PRESENCE OF A DETECTION SENSOR THAT AUTOMATICALLY ACTIVATES THE READY STATUS AS THE USER APPROACHES

MAXIMUM FLEXIBILITY OF PAPER MANAGEMENT, FROM A6 UP TO SRA3, WITH A CHOICE OF TRAYS CONFIGURATIONS AND A TOTAL CAPACITY REACHING 7,150 SHEETS (WITH OPTIONAL TRAYS)

EXTENSIVE RANGE OF FINISHING OPTIONS, INCLUDING AN INTERNAL 500-PAGE SPACE-SAVING FINISHER AND STAPLING UP TO 50 SHEETS

HIGH LEVELS OF SECURITY AS A RESULT OF THE "ISO/IEC 15408 STANDARD", FOR SERIAL DATA ENCRYPTION, AND OF THE RUN TIME AND SECURE BOOT INTEGRITY CHECKS

SUPPORT OF THE MOST COMMON MOBILE DEVICES

OPTIONAL FIERY CONTROLLER TO INCREASE PRODUCTIVITY AND MAXIMISE THE YIELD OF COLOUR PRINTING

d-Color

MF2554, MF3254



Keys and control icons reproduced on the 10.1" multi-touch operator panel



Configuration showing the with DP-7100, PF-7110, PF-7120, DF-7110, AK-7100, BF-730(B)

EFFICIENCY TO COUNT ON

The d-Color MF2554 and d-Color MF3254 incorporate the most advanced specifications of laser printing technology based on the use of amorphous silicon photoconductors.

The further refinement of this technology, over the years, has led to the reduction of their fixing temperature with newly formulated toners, in order to reduce power usage, which has resulted in these models ranking highly within their industry segment.

The user interface is completely new to the models and featuring a tablet-style 10.1-inch multi-touch panel: as opposed to the traditional keyboard. However, while the models are operated exclusively via the multi-touch panel, a traditional keyboard is available as an option.

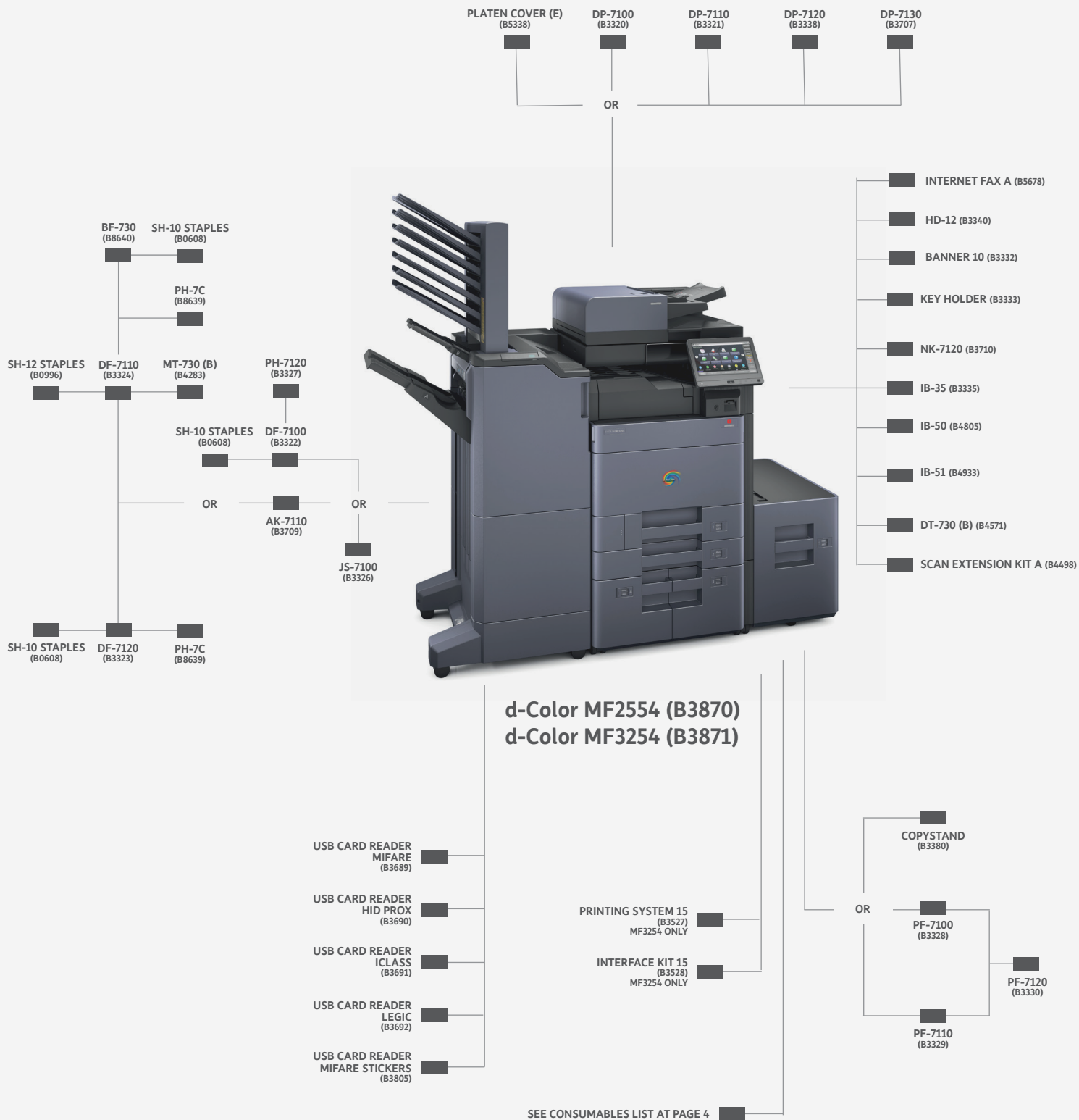
The utmost attention in the development of these new models has been placed on data management security, as well as on the constant verification of the integrity of the machine firmware, offering the serial data encryption function according to the ISO/IEC

15048 standard (also known as "Common Criteria"). A TPM (Trusted Platform Module) chip has been specifically adopted to perform data encryption, with the generation of encryption keys stored in a memory location which is not accessible from the outside. These machines are equipped with a standard RAM of 4 GB of capacity, capable of supporting all the machine functions without requiring the use of optional memory expansions. They are also equipped with a 32GB SSD memory, which provides very short access times. However, memory storage capacity can be further increased, if required, with an optional 320GB hard disk.

The scanning speed, on both these models, reaches 180 ipm in duplex mode with the optional Automatic Document Feeder, DP-7130.

When the black toner cartridge, on the d-Color MF2554 and d-Color MF3254, is empty the cartridge can be re-used as a Waste Toner Box; a handy solution that helps to keep operating costs down.

CONFIGURATION LAYOUT



TECHNICAL SPECIFICATIONS

GENERAL

Technology: Colour laser with JaWS development platform for system customization
Control panel size: 256.5 mm (10.1") colour touch screen, work notification speakers, 15° - 90° adjustable tilt
Print speed: d-ColorMF2554 up to 25/12 ppm A4/A3 in colour and mono; d-ColorMF3254 up to 32/16 ppm A4/A3 in colour and mono;
Printing speed/front and back copy: d-ColorMF2554 25 ppm A4; d-ColorMF3254 32ppm A4
Resolution: 4800 dpi equivalent x 1200 dpi (print), 600 x 600 dpi (scan/copy)
Warm-up Time: Approx. 18 seconds or less;
First Print-out Time: d-ColorMF2554 about 7,0 / 9,2 seconds in mono / colour; d-ColorMF3254 about 5,9 / 7,7 seconds in mono / colour;
First Copy-out Time: d-ColorMF2554 about 7,4/9,8 seconds in mono / colour (from document processor), about 6,4/8,5 seconds in mono / colour (from plate); d-ColorMF3254 about 6,3/8,5 seconds in mono / colour (from document processor), about 5,3/7,0 seconds in mono / colour (from plate)
Processor: Freescale QorIQ T1024 (Dual Core) 1,0 GHz
Memory: standard RAM 4 GB + SSD 32 GB; max RAM 4 GB + SSD 32 GB + HDD 320 GB optional
Standard interfaces: standard interface USB 3.0 (USB super-fast); 4 x USB Host interfaces, Gigabit Ethernet (10 BaseT/100 BaseTX/1000 BaseT, IPv6, IPv4, IPSec, 802.3az support), optional Wi-Fi (IEEE 802.11b/g/n), 2 x eKUIO slot for print server optional internal or optional Fax System, optional Wireless network slot, optional SD card slot, NFC Tag
Dimensions (W x D x H): Main unit: 602 x 665 x 790 mm
Weight: Main unit about 90 kg
Power supply: AC 220 V ~ 240 V, 50/60 Hz
Power Consumption:
Print/Copy: d-ColorMF2554 510 W; d-ColorMF3254 580 W
Energy saving mode: 50 W
Ready mode: 50 W
Sleep mode: 0.7 W
Noisiness: (sound pressure level ISO 7779 measuring distance of 1 meter):
Copy/Print: d-ColorMF2554 48,3 dB (A) in colour; d-ColorMF3254 50,4 dB (A);
Stand-by mode: 35 dB (A)
Safety standard: GS, TÜV, CE

These products are made by a company that operates in compliance with ISO 9001 quality standards and ISO 14001 environmental directives.

PAPER MANAGEMENT

All indicated paper capacities are based on sheets with a maximum thickness of 0.11 mm in normal environmental conditions.

Input paper capacity:

Multi-purpose bypass 150 sheets, 52 - 300 g/m² (Banner 136 - 163 g/m²), A6R - SRA3 (320 x 450 mm), customized (98x148 - 297x457,2); Banner max. 304.8 x 1,220 mm; tab sheets 136 - 256 g/m²; standard universal paper trays 2 x 500 sheets 52 - 300 g/m²; upper tray A6R - A4R, lower tray A6R - SRA3

Maximum paper capacity with options: 7.150 A4 sheets

Standard front and back printing mode: it supports A6R - SRA3, 64 - 256 g/m² formats

Output paper capacity: Standard 500 sheets face down, maximum with option 4,300 sheets

PRINT FUNCTIONS

Emulations: PCL 6 (PCL5c/PCL-XL), KPDL 3 (compatible PostScript 3), PDF Direct Print, XPS Direct Print e Open XPS
Operating systems: All current Windows operating systems, Mac OS X Version 10.9 or higher, UNIX, LINUX and

other operating systems on request

Fonts/Barcodes: 93 scalable fonts (PCL), 136 fonts (KPDL3), 8 fonts (Windows Vista), 1 Bitmap font, 45 types of one-dimensional barcodes plus two-dimensional barcode (PDF-417)

Printing features: encrypted PDF direct print, IPP printing, e-mail printing, WSD printing, secure printing via SSL, IPsec, SNMPv3, fast copy, check and hold, private printing, job archiving and job management functionality
Mobile printing support: Mobile Print app for iOS and Android, AirPrint, NFC, Direct Wi-Fi, Google Cloud Print

COPY FUNCTIONS

Maximum format of the original: A3 / Ledger

Continuous copy: 1 - 9999

Zoom: 25 - 400% with increments of 1%

Predefined reductions/enlargements report: 5R/5I

Exposure Mode: Automatic, Manual: 16 increments

Image Adjustment: Text + Photo, Text, Photo, Diagram / Map

Digital features: One scan, many copies, electronic sorting, 2in1 and 4in1 function, image repetition, page numbering, cover mode, booklet copying, copy interruption, form overlap, margin shifting, automatic tray selection, paper page skip function, ID copy.

SCAN FUNCTIONS

Features: Scan-to-email, Scan to FTP, Scan-to-SMB, Scan-to-USB Host, Scan-to-inbox, network TWAIN, WIA/WSD scan

Scan speed: 180 ipm (300 dpi, A4, front-back with DP-7130) in mono and colour

Scan resolution: 600 dpi x 600 dpi, 400 dpi x 400 dpi, 200 dpi x 400 dpi, 300 dpi x 300 dpi, 200 dpi x 200 dpi, 200 dpi x 100 dpi, 256 levels of grey per colour

Maximum scan size: A3, Ledger

Original recognition: Text, photos, text + photos, light text /thin lines, optimised for OCR

File types: TIFF, PDF, PDF/A, JPEG, Open XPS, encrypted PDF, high compression PDF, PDF/A-1a/b, PDF/A-2a/b/u, searchable PDF (optional), MS file Office (optional).

FAX FUNCTION (Optional Fax System 12)

Compatibility: ITU-T Super G3

Modem speed: Max. 33.6 kbps

Transmission speed: Max. 3 seconds (JBIG)

Scan speed: 2 seconds or less

Maximum size of the original: A3, Banner up to 1.600 mm

Compression method: JBIG, MMR, MR, MH

Features: network fax, rotated transmission, rotated reception, encrypted transmission and reception, front-to-back fax reception, memory reception, mailbox, remote diagnostic, polling transmission and reception, broadcast, optional internet fax, dual access with second Fax System 12

CONSUMABLES

The average capacity of toner refers to A4 format pages, continuous printing mode and 5% coverage.

Black Toner kit: d-ColorMF2554: up to 20.000 A4 sheets; d-ColorMF3254: up to 25.000 A4 sheets;

Colour Toner kit (Cyan/Magenta/Yellow):

d-ColorMF2554: kit: up to 12.000 A4 sheets;

d-ColorMF3254: kit: up to 15.000 A4 sheets

Waste Toner Box: up to 40.000 sheets (based on 5% coverage mono: colour = 7:3)

Staples cartridges: SH-10, 3 magazines x 5000 points, for DF-7100, DF-7120, BF-730

SH-12, 3 magazines x 5000 points, for DF-7110

OPTIONS

Internet Fax Kit (A)

Scan Extension Kit (A): Solution for searchable PDF scanning (integrated OCR), converts to PDF or MS Office (docx, xlsx, pptx)

Printing System 15: Fiery Controller

Printing System Interface Kit 15: interface card for the Fiery Controller

Paper management

DP-7100 Automatic document feeder: (with inversion), 140 sheets, 35 - 160 g/m² (only front), 50 - 120 g/m² (front and back), A6R - A3, Banner up to 1.900 mm

DP-7110 Automatic originals feeder: (front and back scan in a single pass) 270 sheets, 50- 80 g/m², 35 - 220 g/m² (only front), 50 - 220 g/m² (front and back), A6R -A3, Banner up to 1.900 mm

DP-7130 Automatic document feeder: (front and back scan in a single pass with ultrasonic sensor) 270 sheets, 50- 80 g/m², 35 - 220 g/m² (only front), 50 - 220 g/m² (front and back), A6R - A3, Banner up to 1.900 mm

DP-7120 Automatic originals feeder: (with inversion), 50 sheets, 45 - 160 g/m² (only front), 50 - 120 g/m² (front and back), A5R - A3, Banner up to 1.900 mm

DT-730(B) Document tray

PF-7100 Paper trays: 2x 500 sheets, 52 - 300 g/m², A6R - SRA3

PF-7110 Paper trays: 2x 1.500 sheets, 52 - 300 g/m², A4, B5, letter

PF-7120 Side trays A4: 3.000 sheets, 60 - 300 g/m², A4, B5

DF-7100 Internal finisher: Tray max. 500 A4sheets; 52 - 300 g/m²; A6R- SRA3, stapling up to 50 A4 sheets or 30 A3 in sheets 3 positions

DF-7110* Document finisher + AK-7110: Main tray: Max. 4.000 A4sheets; Secondary tray: 200 A4 sheets, 52 - 300 g/m²; max. A6R - SRA3. Stapling up to 65 A4 sheets o 30 A3 sheets in 3 positions

DF-7120* Document finisher + AK-7110: main tray: 1.000 A4 sheets, 52 - 300 g/m², A6RSRA3, stapling up to 50 A4 sheets or 30 A3 sheets, in 3 positions

AK-7110 Attachment kit for DF-7110, DF-7120: 100 sheets, 52 - 300 g/m², A6R- SRA3

** The AK-7110 Bridge unit is required to install the external Finisher*

PH-7C/PH-7D Drilling unit for DF-7120/DF-7110:

2-holes/4-holes/Swedish type, 60 - 256 g/m², A5R - A3

MT-730(B) Mailbox Sorter for DF-7110: 7 compartments x 100 A4 sheets, 50 A3 sheets /B4, 60 - 163 g/m²

BF-730 Booklets unit and triple fond for DF-7110, half folding: 52 - 256 g/m², A3, B4, A4R

Booklet: Max. 16 sheets (64 pages, 60 - 90 g/m²), folding without stapling: Max. 5 sheets (60 - 90 g/m²)

Triple folding: Max 5 sheets (60 - 105 g/m², A4R), Triple multi folding: 5 sheets (60 - 90 g/m²), 3 sheets (91 - 105 g/m²)

JS-7100 Works separator: Internal works separator 100 sheets, 52 - 300 g/m², A5R - SRA3

PH-7120: Internal drilling unit for internal Finisher DF-7100

PH-7130: Internal drilling unit for internal Finisher DF-7100 (Swedish type)

Banner Guide 10: Feeder Guide for banner size paper, 10 sheets

Storage

HD-12: HDD 320 GB

Keyboard support 10

NK-7120 numeric keypad

USB IC Card Reader + Card Authentication Kit (B)

AC: support and license for various types of authentication (Mifare, LEGIC, HID Prox/Indytag, iClass, Mifare Adhesive Tag), The card holder is standard

UG-33: ThinPrint support

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

Optional interfaces

IB-35: Direct Wi-Fi interface

IB-50: Additional 10 BaseT/100 BaseTX/1000 BaseT Gigabit-

Ethernet card

IB-51: Wireless network interface (802.11b/g/n)

Base cover type (E)

Metal support cabinet

All specifications related to paper capacity refer to A4 sheets of weight 80 g/m².