d-**Color**
MF459, MF559, MF659

POWERFUL AND VERSATILE: YOUR DIGITAL TEAM FOR THE OFFICE

Today's office is constantly changing, the software platforms used offer important new features and themes like dematerialisation and cloud storage are appearing more frequently in businesses.

The d-Color MF459, d-Color MF559 and d-Color MF659 A3 colour multi-functional systems **integrate easily into the office workflow,** speeding up printing and archiving processes and improving other processes.

They are designed for offices with significant workload volumes and will become the heart of all processing and routing activities.

The technology used to develop these devices simplifies operations and contributes to the growth of your business.

These devices simplify operation and contribute to the growth of your business. As multi-functional systems they offer versatility and satisfy the most demanding users, **with their wide range of options and the ability to customise the operator panel icons.**

By introducing a completely revised and simplified user interface, operating these models becomes simplicity itself.

In addition to offering greater productivity and the provision of exceptional paper handling and finishing, these models can offer very high protection against the attack of computer viruses.

Through the power of modular configuration, it is possible to establish different levels of security, ensuring the safe operation of the devices in any work environment no matter how sensitive the data.

d-**Color**
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Adjustable 10.1 " colour multi-touch panel

Configuration with Finisher FS-540SD, with Post-inserter PI-507 and connection unit RU-513, Side Drawer LU-207

POWER AND VERSATILITY

The d-Color MF459, d-Color MF559 and d-Color MF659 have been designed to be used to greatly benefit any work environment. They are the result of in-depth research to ensure users of these models feel empowered and highly productive. The powerful Quad Core @ 1.6 GHz CPU helps to increase workflow which reduces waiting times. **The media sensor automatically detects the paper weight,** improving user convenience and avoiding setting errors and paper jams are minimised. With many office documents being set up electronically and the need to dematerialise original documents, the need for Cloud storage is also increasing. The Automatic Document Feeder, with a capacity of up to 300 sheets, is capable of reading both sides of the sheet in a single pass, with a maximum scanning speed of up to 280ipm (A4, 200dpi, mono and colour).
Ideally suited to data storage, the d-Color MF459, d-Color MF559 and d-Color MF659 are equipped with a standard 256GB SSD (solid-state drive) hard disk: which can be replaced with an optional 1TB disk.
These 3 models demonstrate speed through fast first copy out times and print speeds of 45, 55 and 65 pages per minute, respectively. They can also tackle demanding printing jobs, maintaining extremely high print quality with standard 1,200 x 1,200dpi resolution and a Fiery Controller IC-420 (optional) is available for high precision colour in graphic arts applications.

ERGONOMICS

Nothing is left to chance, not even the design.
The d-Color MF459, d-Color MF559 and d-Color MF659 have rounded edges and LED status indicators, which make them easy to handle and use. The 10.1" colour multi-touch panel is adjustable with tilt angles from 24° to 90°. **The panel is similar to a smart phone or tablet, making it familiar and easy to train users.** The Administrator can also customise the Home Page and add or remove icons and widgets easily. There are 3 optional Finishers available. The 500-sheet FS-533, the 3,200-sheet FS-539 External Finisher with stapling up to 50 sheets, the 3,200-sheet FS-540 External Finisher with stapling up to 100 sheets and the ZU-609 "Z" Folding Unit, all of which help to provide powerful flexibility.
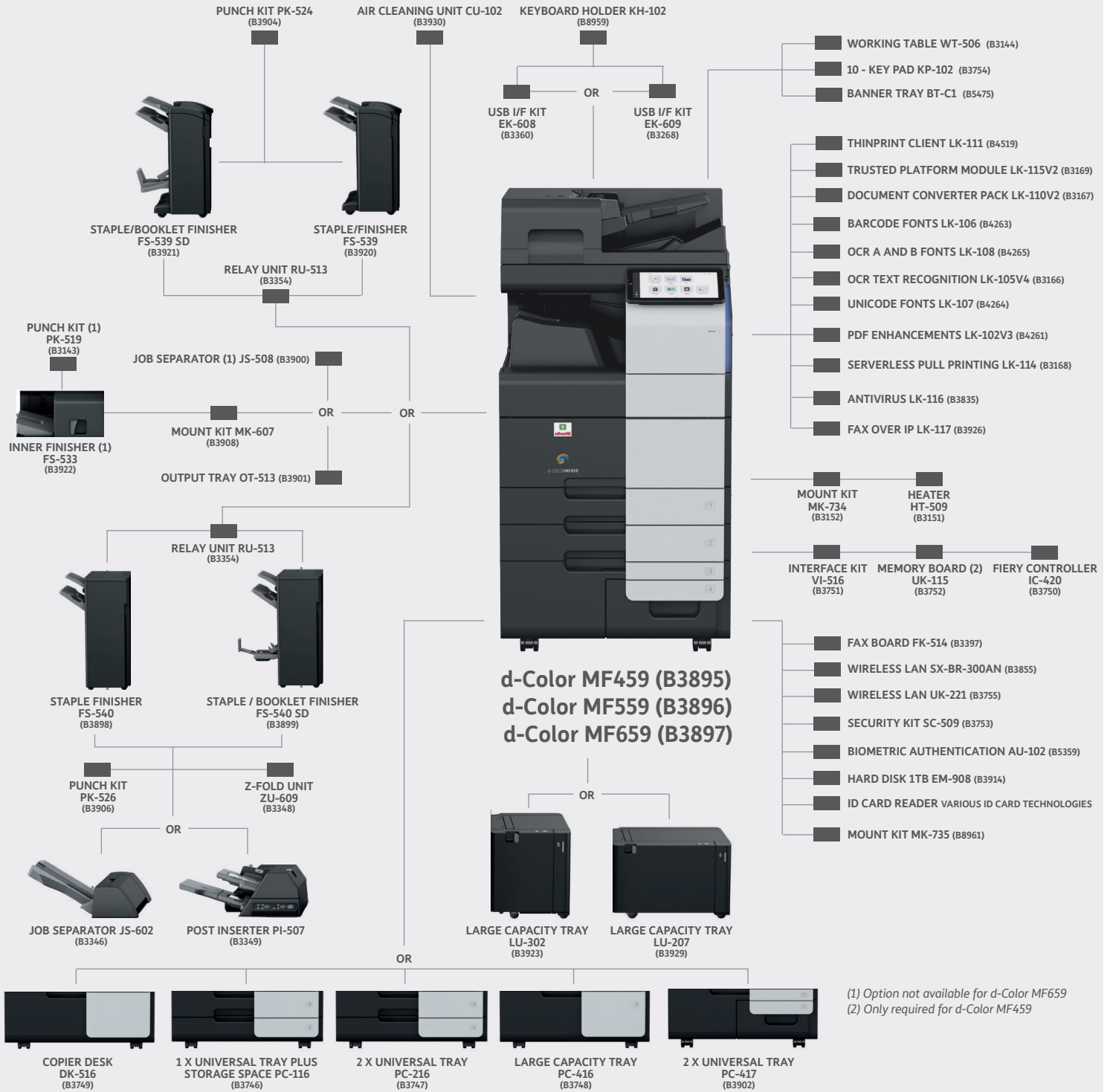
DATA SECURITY

With the LK-116 i-option installed, the data exchanged between the d-Color MF459, d-Color MF559 and d-Color MF659 and the external environment is constantly monitored.
All the transmitted and received data is analysed in real time, or an activity scan can be scheduled. **Depending on the level of security you want to apply, you can set up multiple configurations,** using protocols and services already available, without the need for additional options. For example: communication via SSL protocol, hard disk encryption and use of the latest version of the HTTP / 2 protocol.

ENVIRONMENT

A strong focus on environmental issues has led to excellent results in energy saving in the Olivetti range: close to 0 W when the machine is not in use and only 0.5 W while in sleep mode, meaning the d-Color MF459, d-Color MF559 and d-Color MF659 are **among the best energy-efficient multi-functional systems in their class.** What is more, operation noise has also been reduced to provide users with a more peaceful working environment. The capacity and durability of consumables have been significantly extended, which contributes to the reduction of waste produced and ensures greater productivity and less downtime for maintenance.

CONFIGURATION SCHEME

PUNCH KIT PK-524
(B3904)

AIR CLEANING UNIT CU-102
(B3930)

KEYBOARD HOLDER KH-102
(B8959)

WORKING TABLE WT-506 (B3144)

10 - KEY PAD KP-102 (B3754)

BANNER TRAY BT-C1 (B5475)

OR

USB I/F KIT
EK-608
(B3360)

USB I/F KIT
EK-609
(B3268)

THINPRINT CLIENT LK-111 (B4519)

TRUSTED PLATFORM MODULE LK-115V2 (B3169)

DOCUMENT CONVERTER PACK LK-110V2 (B3167)

BARCODE FONTS LK-106 (B4263)

OCR A AND B FONTS LK-108 (B4265)

OCR TEXT RECOGNITION LK-105V4 (B3166)

UNICODE FONTS LK-107 (B4264)

PDF ENHANCEMENTS LK-102V3 (B4261)

SERVERLESS PULL PRINTING LK-114 (B3168)

ANTIVIRUS LK-116 (B3835)

FAX OVER IP LK-117 (B3926)

STAPLE/BOOKLET FINISHER
FS-539 SD
(B3921)

STAPLE/FINISHER
FS-539
(B3920)

RELAY UNIT RU-513
(B3354)

PUNCH KIT (1)
PK-519
(B3143)

JOB SEPARATOR (1) JS-508 (B3900)

OR   OR

MOUNT KIT MK-607
(B3908)

INNER FINISHER (1)
FS-533
(B3922)

OUTPUT TRAY OT-513 (B3901)

MOUNT KIT
MK-734
(B3152)

HEATER
HT-509
(B3151)

INTERFACE KIT
VI-516
(B3751)

MEMORY BOARD (2)
UK-115
(B3752)

FIERY CONTROLLER
IC-420
(B3750)

RELAY UNIT RU-513
(B3354)

STAPLE FINISHER
FS-540
(B3898)

STAPLE / BOOKLET FINISHER
FS-540 SD
(B3899)

d-Color MF459 (B3895)
d-Color MF559 (B3896)
d-Color MF659 (B3897)

FAX BOARD FK-514 (B3397)

WIRELESS LAN SX-BR-300AN (B3855)

WIRELESS LAN UK-221 (B3755)

SECURITY KIT SC-509 (B3753)

BIOMETRIC AUTHENTICATION AU-102 (B5359)

HARD DISK 1TB EM-908 (B3914)

ID CARD READER VARIOUS ID CARD TECHNOLOGIES

MOUNT KIT MK-735 (B8961)

PUNCH KIT
PK-526
(B3906)

Z-FOLD UNIT
ZU-609
(B3348)

OR

JOB SEPARATOR JS-602
(B3346)

POST INSERTER PI-507
(B3349)

OR

LARGE CAPACITY TRAY
LU-302
(B3923)

LARGE CAPACITY TRAY
LU-207
(B3929)

OR

(1) Option not available for d-Color MF659
(2) Only required for d-Color MF459

COPIER DESK
DK-516
(B3749)

1 X UNIVERSAL TRAY PLUS
STORAGE SPACE PC-116
(B3746)

2 X UNIVERSAL TRAY
PC-216
(B3747)

LARGE CAPACITY TRAY
PC-416
(B3748)

2 X UNIVERSAL TRAY
PC-417
(B3902)

TECHNICAL SPECIFICATIONS

GENERAL
Type: Type: Console, Printer / Scanner / Copier
Technology: Laser semiconductor
CPU: ARM Cortex A72 Quad Core 1.6 GHz
Storage capacity: 8 GB
SSD hard disk capacity: 256GB (standard) / 1TB (optional)
Grey scale: 256 levels
Interfaces: Ethernet (10BASE-T/100BASE-TX/1000BASE-T), USB 2.0 (High-Speed)/1.1, Bluetooth® (optional), IEEE 802.11 b/g/n/ac (optional) Network protocols: TCP/IP (IPv4/IPv6), SMB, LPD, IPP, SNMP, HTTP(S), Bonjour
Max/Min format: SRA3-A6R, banner (1,200 x 297mm)
Trays paper weight: 52-256 g/m²
Bypass Tray paper weight: 60-300 g/m²
Input paper capacity: Standard: 1,150 sheets, (with optional accessories): 6,650 sheets
Output paper capacity: Standard: 250 sheets, (with optional accessories): 3,300 sheets
Copy speed mono & colour (Simplex / Duplex):
d-Color MF459: 45ppm A4 / 22ppm A3; d-Color MF559: 55ppm A4 / 27ppm A3; d-Color MF659: 65ppm A4 / 32ppm A3
Zoom: 25% - 400% in increments of 0.1
Operator Panel: 10.1" / 1024 x 600 (resolution)
Base Unit size (W x D x H): 615 x 688 x 961mm
Max dimensions with options: 2,092 x 688 x 961mm
Weight: 100 kg (without options)
Power supply: 220 - 240V, 10A (50-60Hz)
Max consumption: 2,000W
TEC (Total Electricity Consumption):
d-Color MF459: 2.1kWh/week
d-Color MF559: 2.8kWh/week
d-Color MF659: 3.5kWh/week
Sleep mode consumption: d-Color MF459: 0.5W
d-Color MF559: 0.5W d-Color MF659: 0.5W
First mono copy time: d-Color MF459: 3.8 sec.
d-Color MF559: 3.3 sec: d-Color MF659: 2.8 sec.
First colour copy time: d-Color MF459: 5 sec.
d-Color MF559: 4.3 sec: d-Color MF659: 3.8 sec.

SCANNER
Type: Colour Scanner
Driver: Network TWAIN Driver, HDD TWAIN driver
Protocols: TCP/IP (IPv4, IPv6), FTP, SMB (compatible with SMB 3.0), SMTP, WebDAV
Scanning resolution: 600 x 600 dpi
Document Feeder: Standard, single pass duplex, 300 sheet capacity, A6-A3, 35–210 g/m²
Scanning speed: Simplex mode: 80/75 ipm (A4, 600dpi, Mono and colour), 140ipm (A4, 200dpi, mono and colour)
Duplex mode: 160/150 ipm (A4, 600dpi, Mono and colour), 280ipm (A4, 200dpi, Mono and colour)
Output formats: JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; XPS; Compact XPS; PPTX
Output formats (optional): Searchable PDF; PDF/A 1a 1b; docx, pptx, xlsx
Main functions: Scan to E-Mail, Scan to me, Scan to SMB, Scan to Home, Scan to FTP, Scan to Box (HDD), Scan to URL, Network TWAIN Scan, Scan to WebDAV, Scan to USB, Scan to DPWS

OPTIONAL PRINTER FIERY IC-420, VI-516
CPU: AMD GX-424CC @ 2.4 GHz
RAM Capacity : 4,096MB
Hard Disk capacity: 500GB
PDL: Adobe PostScript 3 (CPSI 3020);PCL 6; PCL 5c
Operating Systems: Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X (10.10 and later) ; Linux

PRINTER
Printing speed B&W & colour (Simplex / Duplex):
d-Color MF459: 45ppm A4 / 22ppm A3; d-Color MF559: 55ppm A4 / 27ppm A3; d-Color MF659: 65ppm A4 / 32ppm A3
Print resolution: 1,200 x 1,200 dpi, o 1,800 dpi (equivalent) x 600 dpi
PDL: PCL 6 (XL3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
PCL Font: 80 x PCL AgfaMicro Type
Fonts (PS3): 137 x PS3 AgfaMicro Type
Operating systems: Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64);
Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X (10.10 or later version); Unix; Linux; Citrix

CONSUMABLES
Black Toner cartridge (B1377): capacity up to 28,000 pages (coverage 5%)
Cyan Toner cartridge (B1378): capacity up to 28,000 pages (coverage 5%)
Magenta toner cartridge (B1379): capacity up to 28,000 pages (coverage 5%)
Yellow toner cartridge (B1380): capacity up to 28,000 pages (coverage 5%)
Black Drum (B1385): up to 240,000 pages
Color Drum (B1386, one per colour): d-Color MF459: life of up to 155,000 pages; d-Color MF559: life of up to 160,000 pages; d-Color MF659: life of up to 165,000 pages
Black Developing Unit (B1381): up to 1,000,000 pages
Cyan Developing Unit (B1382): up to 1,000,000 pages
Magenta Developing Unit (B1383): up to 1,000,000 pages
Yellow Developing Unit (B1384): up to 1,000,000 pages
d-Color MF459 fuser kit (B1403): up to 800,000 pages
d-Color MF559/ d-Color MF659 fuser kit (B1388): up to 1,000,000 pages
Transfer Unit Kit (B1404): up to 330,000 pages
Waste Toner Box (B1332): capacity up to 44,000 prints
Metal Staples for FS-533, FS-539 / SD, FS-540SD (B0586): 3 set x 5,000 staples
Metal Staples for FS-540, FS-540SD, FS-540SD (B1387): 5 set x 5,000 staples

FAX (OPTION FK-514)
Communication: Super G.3
Resolution: Ultra Fine 600 x 600dpi, Super Fine 400 x 400dpi, Fine 200 x 200dpi, Normal 8 dots / mm x 3.85 dots / mm
Modem speed: 33.6 - 2.4kbps with Automatic Fall Back
Compression: MH/MR/MMR/JBIG
Transmission time per page: less than 2 sec: (A4, V.34, 33.6 kbps, JBIG)
Internet protocol: TX: SMTP; RX: POP3, TCP/IP Simple mode
Internet Interface: Ethernet (10BASE-T/100BASE-TX/1000BASE-T)
Internet Fax format: TIFF

OTHER MAIN OPTIONS
PC-116: 500-sheet tray, A5-A3 format, weight 52-256 g/m²
PC-216: 2x 500-sheet trays, A5-A3, weight 52-256 g/m²
PC-416: 2,500-sheet tray, A4 format, weight 52-256 g/m²
PC-417: Large Capacity Tray 1500 + 1000 A4 sheets, weight 52-256 g/m²
LU-302: Large Capacity Side Tray 3000 A4 sheets, weight 52-256 g/m²
LU-207: 2500 sheet Large Capacity Side Tray, max: format SRA3, weight 52-256 g/m²
DK-516: Support Table to be used as an alternative to the trays
FS-533: Integrated 500-sheet Finisher with stapling of up to 50 A4 sheets or 30 A3 sheets
MK-607: Cooling Fan for Finisher FS-533
PK-519: 2 or 4 Hole-punch for Finisher FS-533
FS-539: 3,200 sheet External Finisher with stapling up to 50 sheets
FS-539SD: Same as FS-539 with addition of Saddle-stitch Booklet Folding Unit (2,200 sheets)
PK-524: 2 or 4 Hole-punch for Finisher FS-539 and FS-539SD
FS-540: 3,200 sheet External Finisher with stapling up to 100 sheets
FS-540SD: Same as FS-540 with addition of Saddle-stitch Booklet Folding Unit (2,700 sheets)
PK-526: 2 or 4 Hole-punch for Finisher FS-540 and FS-540SD
RU-513: Connection module for the Finishers FS-539, FS-539SD, FS-540, FS-540SD
PI-507: Manual pre-printed insertion, stapling, folding and stapling unit for FS-540, FS-540SD
ZU-609: Z-folding Unit integrated in the Finisher FS-540, FS-540SD
JS-602: Job Separator for Finisher FS-540, FS-540SD KP-102: Numeric Keypad
AU-102: Biometric Authentication Unit
WT-506: Working Table for Authentication Unit
FK-514: Super G.3 Fax Kit (possibility to install 2 kits)
JS-508: Job Separator Tray to be mounted as an alternative to Finishers
OT-513: Job Collection or Output Tray as an alternative to Finishers
KH-102: Holder for external alphanumeric Keyboard
EK-608: USB Interface Module
EK-609: USB Interface Module + Bluetooth ™ connection
RFID Card Readers: EM4100, EM4100 Manchester, Mifare Readers
MK-735: Internal Mounting Kit for RFID Card Readers
SC-509: Unauthorised Copy Prevention Unit
BT-C1: Banner Tray
LK-102v3: PDF encryption function, PDF / A 1b support LK-105v4: OCR for searchable PDF, PPTX, PDF / A 1a
LK-106: BARCODE font printing
LK-107: UNICODE font printing
LK-108: OCR font printing
LK-110v2: Generates OOXML formats, including DOCX, XLXS, PDF / A
LK-111: Native Client ThinPrint®
LK-114: Serverless pull printing
LK-115v2: Trusted Platform Module (TPM)
LK-116: Antivirus Bitdefender™
LK-117: Fax over IP (T.38)
EM-908: Hard Disk 1TB (SSD)
UK-221: Wireless Access Point
SX-BR-300AN: Kit for connection via WLAN
HT-509: Dehumidifier for trays
MK-734: Mounting Kit for Dehumidifier HT-509
CU-102: Air filter
UK-115: Additional memory module for optional IC-420 Fiery