



DiALTA™

Di 351f / Di 351

The essentials of imaging



35 *copies/min*
A4crosswise



35 pages/min high-speed output, plus 600dpi high-image quality. Minolta presents the digital multi-functional copiers with facsimile, printer and scanner functions.

The Minolta DiALTA Di351f/Di351 are multi-functional copiers, facsimiles*⁽¹⁾, network printers*⁽²⁾ and scanners*⁽²⁾ all in one compact body. These space saving digital machines with just one consumable part to manage, are ideal for the office because they represent the ultimate in efficient and convenient office document machines. The units offer a host of system options that enable system upgrades to best suit your work environment needs. Further, due to improvements made in several key areas of the machines, the user friendliness and overall reliability of the Di351f/Di351 have been increased. Introducing the multi-functional DiALTA Di351f/Di351. Copiers essential to the 21st century office.

* (1) A function of the Di351f, * (2) An optional function

DiALTA™

Di351f

Imagine a multi-functional machine with a Super G3 facsimile, that provides digital copying, a host of appealing features, and housed in an innovative space saving design. The DiALTA Di351f – All the machine you'll ever need.



Di351

The simple way to high-speed, high quality digital imaging is the DiALTA Di351. Housed in this uniquely slim and compact unit is a multitude of attractive, state-of-the-art features for imaging that's essential to business success.



Minolta CS Digital Technologies are incorporated into the DiALTA Di351f/Di351

Image quality, productivity, operability, reliability, connectivity and environment. We've reexamined these six features, essential in all business equipment, to create Minolta's unique image information products. The DiALTA Di351f/Di351, using these innovative CS Digital Technologies, provide efficient document work for complete customer satisfaction.

Copy

Digital Processing Makes High-Speed and High-Quality Copy Functions Come Alive.

Supporting Office Productivity

35 copies/min High-Speed Copying

The Di351f/Di351 have high copy speeds of 35 copies/min in A4 crosswise. Also, the units support copy work efficiency by delivering a first copy speed of 4.6 seconds.

Non-Stack, Automatic Duplex Copying

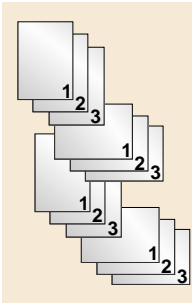
This function first reads the originals. Then, in order, it recalls the appropriate side from its memory. As a result, copies are processed quickly without stacking paper.

Electronic Sorting

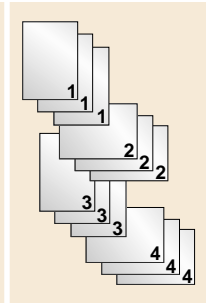
A 32MB memory comes standard for memorizing an approximate maximum of 170 pages.* This not only makes electronic sorting possible, but allows you to sort or group without a sorter. These features keep the machines compact, and enable you to sort without being limited to the number of bins (Max. load 500 sheets). Further, memory is expandable to a maximum 64MB.

* A4 crosswise originals with 6% black/white ratio

Crisscross Sorting



Crisscross Grouping



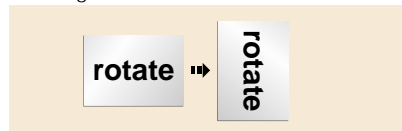
Memory Recall

Because a document that is scanned once will be saved in the Di351f/Di351's memory until another is scanned in, additional copies of the same original can be made. This feature is also convenient for test copying.

90° Image Rotation

This function rotates the image 90° and feeds paper through in a crosswise direction. Should you unintentionally set an A4 original lengthwise, or should you need to reduce an A3 size original to A4 size, the Di351f/351 will copy onto A4 size sheets using a crosswise format. This helps maximize the Di351f/351's top speed of 35 copies/min.

90° Image Rotation



Digital High-Image Quality for Beautiful Text and Brilliant Photo Reproduction

High-Quality Images with 600dpi High Resolution and MTHG (Micro-Toning High Grade) Developing System

We've achieved 600dpi high resolution in both scanning and copy outputs of originals. Furthermore, with our unique MTHG (Micro-Toning High Grade) developing system that uses small diameter carriers, even small text and photos are accurately reproduced.



Text/Photo Mode

Three Selectable Original Modes

You can select Text Mode, which uses high contrast processing to give you sharp text reproduction, Photo Mode, which uses 256 gradations for smoother reproduction of half tones, or Text/Photo Mode which is ideal for originals having both text and photos.

Convenient Functions Using Digital Image Processing

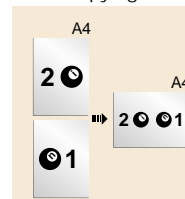
2 in 1, 4 in 1 Copying

This function minimizes paper consumption by reducing either a two- or four-page original onto a single sheet of paper*(1). In conjunction with the Duplex Unit (AD-15), two-sided 2 in 1*(2) and two-sided 4 in 1*(2) copying are also possible.

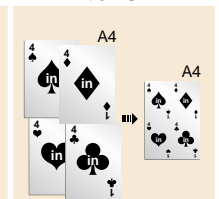
* (1) Requires either the AFR-17 or AF-9 when the original is two-sided

* (2) Requires either the AFR-17 or AF-9

2 in 1 Copying



4 in 1 Copying



X/Y Zoom

The magnification/reduction rate can be set independently* in either a vertical or horizontal direction.

* Possible when combination of magnification x magnification or reduction x reduction

Additional Functions

- 25 – 400% Wide Zoom
- Book Separation Copying
- Program Memory
- Center / Frame Erase
- Cover Mode (requires AFR-17 or AF-9)
- Interleaving Mode (requires AFR-17)
- Distribution Number Stamping
- Image Repeat
- File Margin Copying

User Friendly and Highly Productive Core Features

Ease of Use and Intelligent Design for the Office

Interactive Touch Panel

A touch panel message display enables easy operation through messages provided on the display.

Convenient Open/Close Grip Designed Tray

The Di351f/Di351's new cassette tray grip design now allows you to grasp its handles from above, to conveniently open and close even its bottom tray.



Multi-Purpose Cassette

Despite their host of sophisticated features, the Di351f/Di351 are remarkably easy to operate. A convenient standard 250-sheet Multi-Purpose Cassette Tray enhances productivity by providing simple paper loading, and is compatible to a variety of paper types such as OHP sheets and postcards.*

* Up to 50 sheets of OHP sheets or postcards can be set

A Compact Wingless Design

The Di351f/Di351 require less space because their paper ejection has been internalized, resulting in no protruding parts. Also available are output options such as Job Tray (JS-201) and Shift Tray (OT-102), both of which make practical

use of the machines' wingless designs which allow you to simultaneously maintain the same working space while improving productivity.



55dB (A)* Low Noise Design

Low operating noise contributes to office quietness.

* Based on Minolta measurements

Increased Reliability

There are several specifications not mentioned in this brochure that have been improved to provide you with a more reliable office product. For instance, new methods for paper feeding and new fusing systems have been employed, therefore increasing reliability approx. 1.5* times when compared to the Di350.

* Based on Minolta measurements

Supporting Copier, Facsimile and Printer Productivity

Paper Feed Units Featuring a Variety of Settings

By combining the optional Large Capacity Cabinet (PF-117), you can load a maximum 3,750-sheet paper supply for reliable high-volume copying. Also, when the Paper Feed Unit (PF-118/PF-119) is attached, you get a maximum six-way paper feed.



Finishers for Increased Productivity

Choose from three optional Finishers (FN-109/FN-110/FN-504), which enable stapling and hole punching* for increased convenience and productivity.

* Available with the FN-109/FN-504

Environmentally Committed

Low Ozone Emission

The Di351f/Di351 have a low-ozone design. Advances such as the utilization of a needle electrode charger for copying and a roller type image transfer unit, help limit ozone emissions.

Meets ENERGY STAR Guidelines



Promoting the Use of Recycled Materials

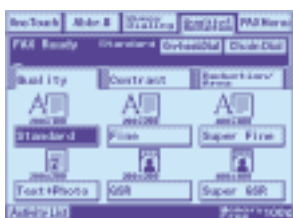
Keeping in mind the importance of conservation, recycled materials are used in certain areas of the Di351f/Di351.

Energy Saving Auto Functions

Energy Save and Sleep modes are available on the Di351f, while Energy Save, Sleep or Auto Shut Off modes are available on the Di351 for increased energy conservation.



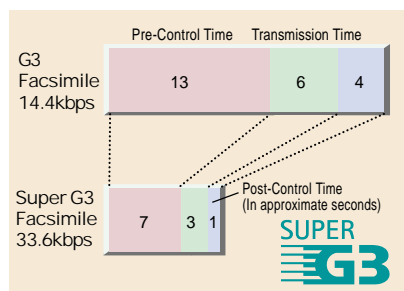
Fax Super G3 Facsimile Function (Di351f only)



High-speed Facsimile Functions for Rapid Transmissions

Super G3 Mode for High-Speed Transmission

Thanks to the standard Super G3 which incorporates a 33.6kbps high-speed modem, the Di351f can transmit A4 size facsimile messages at less than 3 seconds per page using a general telephone line. Furthermore, thanks to JBIG (High Efficiency Data Compression Method) compression technology, even half-tone documents can be quickly transmitted, thereby reducing long-distance fees.



Rapid Scanning at 0.7 seconds per page* and Quick Memory Transmission

A4 size originals (ITU-T No.1 Chart) can be scanned into memory for automatic transmission at an amazing 0.7 seconds per page. Also, when faxing several sheets, the Di351f will begin dialing the required number immediately after it finishes reading the first sheet. This quick memory transmission further shortens your total transmission time.

* When using Fine mode; does not include paper feed and output times

Easy-to-use High-Level Functions

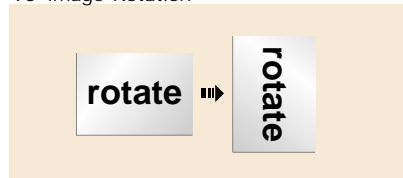
2 in 1 Transmission for Reduced Communication Costs

Two page documents of A5 crosswise, B5 crosswise or A4 crosswise paper can be scanned and arranged on one sheet using the Di351f's memory. This allows you to send a two-page original as a one-page document.

90° Image Rotation

The Di351f automatically rotates and outputs faxes correctly, even if they are received in an orientation that is not set in the paper cassette.

90° Image Rotation



Duplex Transmission Function*

With the optional automatic Duplex Document Feeder (AFR-17) attached, duplex originals can be scanned in automatically for duplex transmissions.

* When the automatic Document Feeder (AF-9) is attached, duplex transmissions of duplex originals are possible by scanning in each side separately

Multi-Access

This function enables you to transmit faxes while the Di351f is printing out data from your PC, or while copies are being made.

Large Capacity Memory

The same large capacity memory used in the main body of the Di351f is also used to receive faxes. This allows more than 1,400* pages of originals to be received. Furthermore, memory is expandable to a maximum 64MB.

* ITU-T No.1 Chart in standard mode

High Quality Images for Transmission and Reception

A Smoothing System for Smoother Image Reception

Regardless of the mode the sender has used, the received images will be printed in Super Fine mode equivalent, high-resolution images. With this smoothing system, jagged edges are corrected for smoother image outputs.

Selectable Image Quality Modes for Beautiful Transmissions

Six image quality modes including Standard, Fine and Super Fine mode are available when transmitting documents.

Specifications

Communication Line:	Public switched telephone network (PSTN)
Modem Speed:	33,600/31,200/28,800/26,400/24,000/21,600/19,200/16,800/14,400/12,000/9,600/7,200/4,800/2,400 bps (Automatic fallback)
Transmission Speed:	Less than 3 seconds (A4)
Scanning Resolution:	Standard: 203 × 98dpi, Fine: 203 × 196dpi, Super Fine: 406 × 391dpi
Max. Document Size:	A3
Recording Size:	A5 crosswise/B5 crosswise/A4 /B4 /A3
Compatibility:	G3, Super G3
Data Compression Method:	MH/MR/MMR/JBIG
Transmitting Functions:	Book Scanner Transmission, Timer Transmission, Confidential Mailbox Transmission, Polling Transmission, Selective Polling Transmission, Broadcast, Relay Broadcast, One-Touch Dialling, Speed Dialling, Group Dialling, Memory Transmission
Receiving Function:	Memory Reception, Polling Reception, Selective Polling Reception, Confidential Mailbox Reception

Network Printer & Scanner Expandability for Network Use

High-Speed Network Printer Functions

High Performance Network Printer

With the optional printer controller (Pi3502), the Di351f/Di351 achieve 35 pages/min high-speed printing in multiple print mode. Plus, the units give you precise image, graphic and text printouts in 600dpi high resolution. The standard PCL 6 comes with an additional PostScript 3 optional printer language. And for increased processing speed, the Pi3502 is equipped with a 100MHz high-speed CPU with PowerPC 603e. What's more, the Di351f/Di351 become compatible to a variety of network environments such as TCP/IP, NetWare and AppleTalk with the optional Network Interface Card (NC-1).

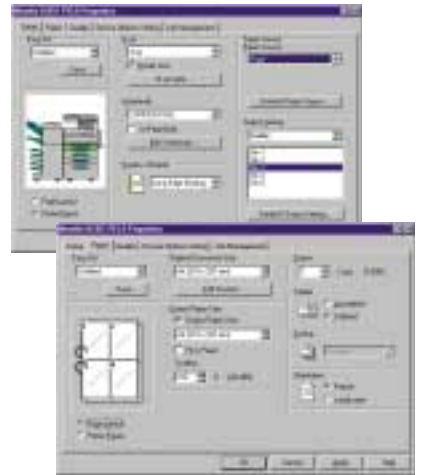
Highly Productive Finishing Options

When used as network printers, the Di351f/Di351 deliver finishing options that are comparable to the machines' copier finishing options. With the Finisher (FN-109/FN-110) attached, 100% print productivity is achieved in finishing modes such as sorting/grouping, stapling and hole punching. The Mailbin Finisher (FN-504) allows you to select the printout bin of your choice from your PC.

GUI Printer Driver

The convenient GUI (Graphic User Interface) printer driver not only allows you to quickly set up print settings including finishing functions, but it also displays

machine configuration and page layout which confirm the correct printing tray and output layout. Also, any user making a printout will be automatically identified on the Di351f/Di351's operation panel.

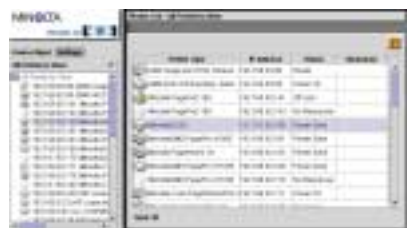


Utilities for Easy Printer and Document Management

Network Management Utilities

PageScope

PageScope is a web-based network utility that allows the management of all printers having MIB under one network umbrella, by showing them in list form. Administrators can set printer parameters and IP addresses as well as monitor the status of all the printers, creating the ultimate network-printing environment. Furthermore, general users can view the list of all printers, enabling you to easily retrieve information such as device and input tray status.



[Main PageScope Functions]

- View All Printers
Allows the administrators to check the status of each printer on the network. This function also makes searches by manufacture (Minolta or other models) or registered group names possible.
- Network
Enables you to check network settings such as IP Addresses and Subnet Masks.
- E-mail Setting
In the event a printer error occurs, this feature will send an error E-mail to the appointed address.
- Print Log
This feature lets the administrators check the number of daily printouts, errors and paper jams that have occurred on each printer.



PageScope Light

PageScope Light is a web-based network utility for managing Minolta printers on a 1 to 1 (client to printer) basis. Using the web browser, general users can access each Minolta printer on the network to check their status. What's more, it is possible for administrators to conduct basic management functions, such as setting scanning destinations.



[Main PageScope Light Functions]

- Printer Settings
Enables users to set and check the printer's default settings.

Abundant Network Scanner Functions*

* Optional functions when the Pi3502 is attached

Network Scanner

The convenient scanner function of the Di351f/Di351 can scan up to A3 size sheets in 600dpi resolution with the same ease as when making copies. Office work efficiency is assured with high-speed 35 pages/min scanning plus the ability to perform duplex scanning. Two format types, Multi-TIFF* and PDF, are available for data transmission.

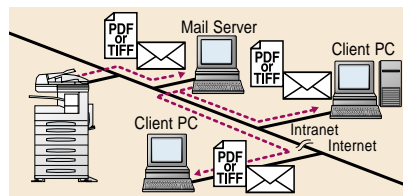
* Not available for Macintosh when scanning multiple pages

Highly Operational

With One Touch and Abbreviated Transmission, you can quickly and easily send your scanned documents to the e-mail addresses or FTP servers of your choice. What's more, the Di351f/Di351 have nine scanning modes to choose from to create the best results from your original document.

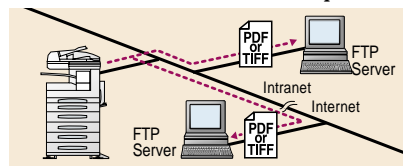
Scan to E-Mail

Scanned images can be transformed into Multi-TIFF or PDF form, enabling users to send them as attachments via e-mail.

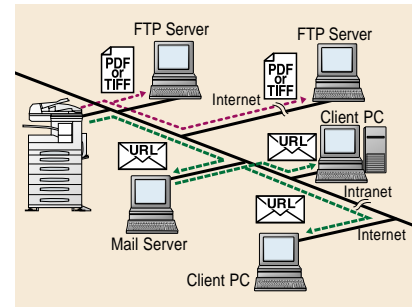


Scan to Server

This function allows users to scan images in Multi-TIFF or PDF form, and send them out to the FTP server. Users can then access the FTP server to locate and retrieve the scanned images. Via PageScope Cabinet, the FTP server function increases the scanner's ease-of-operation.



For additional efficiency and convenience, this function can simultaneously e-mail the FTP server's URL to related personnel.



Scanner Destination Settings

Allows users to set destinations for scanned images in order to send them via the scanning function's one-touch or abbreviated transmissions.

System

Enables you to check printer status, product configuration and paper size settings.

Print Job Management

Lets users check Print Job Status, Secure Printing and Incomplete Jobs.

Document Management Utilities

PageScope Cabinet

PageScope Cabinet is Minolta's unique document management utility. It enables users to easily file and manage documents created in a variety of applications, as well as for scanned documents and photos. Saved documents can be shown as a list of small thumbnails. Operating each file

is simple. To combine documents, just drag and drop any document on top of another shown in the window to complete the process.



[Main PageScope Cabinet Functions]

Annotation

Enables users to add text, marker and stamps as annotations to documents.

Searching

Allows users to search a document by file name, created data, keywords and annotations.

File Combination

Lets users combine documents regardless of the application.

File Format Conversion

Enables users to easily convert a document's file format.

Direct E-mail

Documents can be automatically attached to e-mail, by simply dragging the document and dropping it onto the e-mail icon shown at the bottom left of the screen.

Direct Print / PC-Fax*

Documents can be automatically printed or faxed by simply dragging the document and dropping it onto the Printer/PC-Fax icon shown at the bottom left of the screen.

* Requires a fax modem equipped PC.

Slide Show

This function allows users to "slide show" combined documents.

FTP Server Function

Client PCs receive an FTP server function by installing PageScope Cabinet. When utilizing the Di351f/Di351's Scan to Server function, client PCs can receive the scanned images directly, and retrieve the images for viewing using this software.

System Accessories



Duplexing Document Feeder (AFR-17)

This can set up to 50 sheets of two-sided originals for automatic duplex copying.



Automatic Document Feeder (AF-9)

This can set up to 70 sheets of one-sided originals.



Shift Tray (OT-102)

Copies or print outputs can be shifted for sorting or grouping.



Job Tray (JS-201)

This separates copier, facsimile and printer outputs.



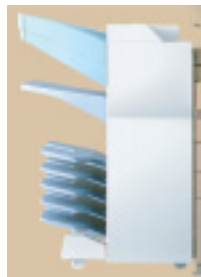
Option Tray (JS-100)

This will become the facsimile and/or printer output tray when attached to either the FN-109 or FN-110.



Finisher (FN-109/FN-110)

The FN-109 multi-staples and hole-punches sets of up to 50 sheets each, while the FN-110 staples sets of up to 30 sheets each.



Mailbin Finisher (FN-504)

You can select output bins or private bins when printing. It can also staple and hole-punch sets of up to 50 sheets each.



Paper Feed Unit (PF-118/PF-119)

The PF-118 has a universal sized tray which holds up to 500 sheets, while the PF-119 holds 500 sheets of fixed size paper.



Large Capacity Cabinet (PF-117)

This holds up to 2,500 sheets of A4, B5 or letter size paper.

Minolta Genuine Consumables And Parts

To ensure the best possible use of our copiers in terms of cost, copy quality and service life, Minolta has extended its technical expertise as a manufacturer of precision equipment to the development and production of high-quality consumables and parts. For optimum performance and productivity, we recommend the use of Minolta's genuine consumables and parts.

Di351f / Di351 Specifications

Copying System:	Laser Electrostatic
Type:	Desktop/Stationary Platen
Resolution:	600dpi
Halftone:	256 gradations
Type of Originals:	Sheets, Books, 3-D Objects
Original Size:	Max. A3 (Ledger)
Copy Size:	A3 to A6 (Ledger to 3-1/2" x 5-1/2")
Copy Speed:	35 copies/min (A4 Crosswise)
1st Copy:	Less than 4.6 seconds (A4 Crosswise)
Magnification:	× 0.250 - 4.000 (Preset or Variable)
Exposure Control:	Automatic & Manual
Paper Feeding System:	2 Front-Loading Paper Drawers (250 Sheets × 1 + 500 Sheets × 1)
Sheet Bypass:	Single Sheet Bypass (A6 to A3)
Multiple Copy:	1-999, Count-Down, Interruption Capability
Input Materials:	Plain Paper (60-90g/m ²) Thick Paper (91-157g/m ²) OHP Sheet by Single Sheet Bypass and Multi Purpose Cassette Tray
Developing System:	MFHG System
Photoconductor:	OPC Drum
Toner Supply Control:	Automatic Toner Density Control
Warm-Up Time:	Less than 70 seconds
Power Consumption:	1,350-1,450W(120-127V) 1,250-1,400W(220-240V)
Dimensions:	620 (W) × 707 (D) × 647 (H) mm (24-1/2" × 27-3/4" × 25-1/2")
Weight:	61kg (134-1/2 lbs.)
Accessories:	Automatic Document Feeder (AF-9) Duplexing Document Feeder (AFR-17) Original Cover Kit (OC-3) Paper Feed Unit (PF-119) Paper Feed Unit (PF-118) Large Capacity Cabinet (PF-117)

Accessories:	Copy Table (CT-2) Copy Desk (CD-2M) Shift Tray (OT-102) Job Tray (JS-201) Finisher (FN-109) Finisher (FN-110) Mailbin Finisher (FN-504) Option Tray (JS-100) 8MB Memory 16MB Memory 32MB Memory Printer Controller (Pi3502)
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Pi3502 Specifications

Print Speed:	35 pages/min
Resolution:	600dpi
CPU:	Power PC603e/100MHz
RAM:	16MB (Max. 144MB)
Protocol:	EtherTalk, IPX/SPX, TCP/IP
Interface:	Standard: IEEE1284 (Compatibility/ECP/Nibble Mode) Optional: 10BASE-T/100BASE-TX
Printer Language:	Standard: PCL 5e, PCL 6 Optional: PostScript 3
Fonts:	Standard: PCL Fonts (45 fonts) Optional: PostScript Fonts (136 fonts),
Operating System:	Windows 95/98, WindowsNT 4.0/2000, Linux, Mac OS
Accessories:	Network Interface Card (NC-1) Scan/PS Upgrade Kit Hard Disk Drive

Product appearance, configuration and/or specifications are subject to change without notice.

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* As an ENERGY STAR Partner, KONICA MINOLTA BUSINESS TECHNOLOGIES, INC. has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

* ENERGY STAR is a U.S. registered mark.

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This catalogue was printed using recycled paper and soy ink.