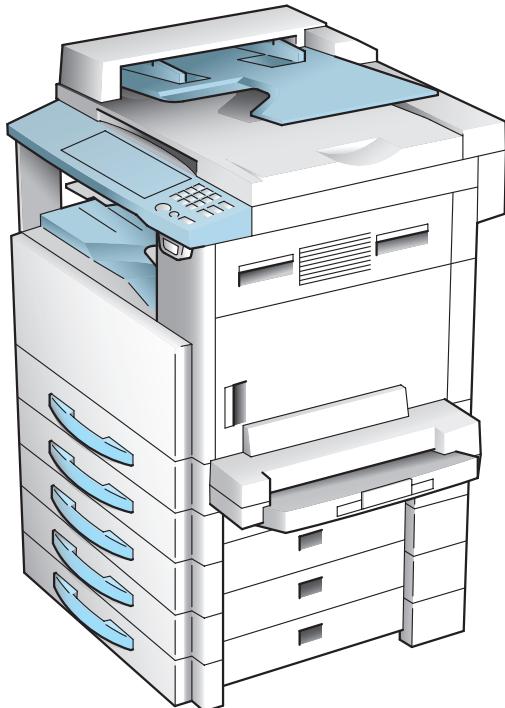




# User Manual

The essentials of imaging

**Di152/Di183**



Product: 2002 Konica Minolta Di152/Di183 Printer User Manual  
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# Contents

## 1 Introduction

<b>1.1</b>	<b>We Want You to Be a Satisfied Customer .....</b>	<b>1-1</b>
	For U.S.A. Users .....	
	FCC Part 15-Radio Frequency Devices.....	1-1
	For Canada Users .....	
	Interference-Causing Equipment Standard (ICES-003 Issue 3) .....	1-1
<b>1.2</b>	<b>SAFETY INFORMATION.....</b>	<b>1-2</b>
	Warning and Precaution Symbols.....	1-2
	Meaning of Symbols.....	1-2
	WARNING .....	1-3
	CAUTION.....	1-4
	Precautions for Routine Use .....	1-5
	Laser Safety .....	1-6
	Internal Laser Radiation .....	1-6
	CDRH Regulation.....	1-7
	For European Users.....	1-7
	For Denmark Users.....	1-8
	For Finland, Sweden Users.....	1-8
	For Norway Users .....	1-8
	Laser Safety Label .....	1-9
	Ozone Release .....	1-9
	Acoustic Noise .....	1-9
<b>1.3</b>	<b>About the User Manual .....</b>	<b>1-10</b>
	Explanation of Manual Conventions.....	1-10
	[ ] key.....	1-10
<b>1.4</b>	<b>Explanation of Basic Concepts and Symbols .....</b>	<b>1-11</b>
	Paper Feeding.....	1-11
	"Width" and "Length" .....	1-12
	Paper Orientation .....	1-12

## 2 Precautions

<b>2.1</b>	<b>Installation Precautions.....</b>	<b>2-1</b>
	Installation site .....	2-1
	Power source .....	2-1
	Space Requirements.....	2-2
<b>2.2</b>	<b>Operation Precautions.....</b>	<b>2-3</b>
	Operating Environment .....	2-3
	Proper Use .....	2-3

Transporting the Copier.....	2-4
Care of Copier Supplies .....	2-4
<b>2.3 Legal Restrictions on Copying.....</b>	<b>2-5</b>

### **3 Before Making Copies**

<b>3.1 Available Features.....</b>	<b>3-1</b>
<b>3.2 Components and Their Functions .....</b>	<b>3-4</b>
<b>3.3 Parts Names and Their Functions .....</b>	<b>3-6</b>
Copier .....	3-6
Inside the Copier .....	3-8
Options .....	3-9
<b>3.4 Control Panel .....</b>	<b>3-12</b>
Names of Control Panel Parts and Their Functions .....	3-12
Icons on the Control Panel .....	3-14
<b>3.5 Turning ON and OFF and the Initial Mode.....</b>	<b>3-15</b>
How to Turn ON/OFF the Copier.....	3-15
When Copier is Turned ON .....	3-15
Default Settings .....	3-16
<b>3.6 Useful Functions .....</b>	<b>3-17</b>
Panel Resetting .....	3-17
Auto Panel Reset.....	3-17
Energy Saver.....	3-18
Auto Shut OFF.....	3-18
Auto Copy Start .....	3-18
Interrupting Copy Jobs .....	3-19
Auto Tray Switching.....	3-19
Account Number.....	3-20
To enter an account number .....	3-20
Printing from the Personal Computer .....	3-21
Sending and Receiving Faxes Using the Copier .....	3-21
<b>3.7 Copy Paper.....</b>	<b>3-22</b>
Paper Specifications.....	3-22

### **4 Loading Originals**

<b>4.1 Two Ways of Loading the Original.....</b>	<b>4-1</b>
Specific Types of Originals .....	4-1
<b>4.2 Loading Originals in the Automatic Document Feeder .....</b>	<b>4-2</b>
Precautions for Using the Automatic Document Feeder .....	4-2
Mixed Originals.....	4-4
<b>4.3 Place the Original on the Original Glass .....</b>	<b>4-6</b>

---

Precautions for Placing the Original on the Original Glass .....	4-6
How to position a sheet original .....	4-7
Highly Transparent Originals.....	4-8
Books .....	4-9

## 5 Making Copies

<b>5.1 Copying.....</b>	<b>5-1</b>
<b>5.2 Selecting the Paper.....</b>	<b>5-3</b>
<b>5.3 Feeding Paper Manually .....</b>	<b>5-5</b>
Making Copies by Using the Bypass Tray .....	5-6
<b>5.4 Specifying the Zoom Ratio.....</b>	<b>5-11</b>
Setting the Zoom Ratio .....	5-12
<b>5.5 Adjusting the Image Density.....</b>	<b>5-16</b>
<b>5.6 Interrupting a Copy Job.....</b>	<b>5-18</b>

## 6 Advanced Copying

<b>6.1 Making 1-Sided Copies.....</b>	<b>6-1</b>
<b>6.2 Finishing Copies (Sort and Group) .....</b>	<b>6-5</b>
Three Finishing Types.....	6-5
Sorting.....	6-6
Grouping .....	6-7
<b>6.3 Erasing Part of Original Image (Erase) .....</b>	<b>6-10</b>
Precautions for Erase Position.....	6-11
<b>6.4 Reversing Original Tonal Arrangements (Neg. ↔ Pos. Reverse) .....</b>	<b>6-13</b>
<b>6.5 Providing a File Margin.....</b>	<b>6-14</b>
Precautions for File Margin Position .....	6-14

## 7 Using the Utility Mode

<b>7.1 User's Choice .....</b>	<b>7-2</b>
Mixed Orig.....	7-6
Paper Priority .....	7-6
Copy Priority.....	7-6
Density Priority .....	7-6
Exposure Level Priority (Auto) .....	7-7
Exposure Level Priority (Manual) .....	7-7
Output Priority .....	7-7
Crisscross Mode .....	7-7
4in1 Copy Order .....	7-7
Book Binding Position .....	7-7

Margin Setting .....	7-8
Erase Setting (Left, Upper, and Frame) .....	7-8
Auto Panel Reset.....	7-8
Energy Saver.....	7-8
Auto Shut OFF.....	7-8
Density (ADF) .....	7-8
Printer Density .....	7-8
Paper Auto Detection .....	7-9
Paper Size Detection .....	7-9
Paper Type (1st Tray).....	7-9
Paper Type (Bypass Tray).....	7-9
Special Paper Setting .....	7-9
Making the User's Choice Settings.....	7-10
<b>7.2 Drum Dehumidify.....</b>	<b>7-12</b>
<b>7.3 Toner Replenisher (Auxiliary Toner Replenishing).....</b>	<b>7-13</b>
<b>7.4 Custom Size Input .....</b>	<b>7-14</b>
<b>7.5 Administrator Mode.....</b>	<b>7-16</b>
Administrator Mode .....	7-16
Copy Track .....	7-18
Disable Auto Shut OFF.....	7-26
<b>7.6 Checking the Total Number of Copies/Prints Produced.....</b>	<b>7-28</b>
<b>7.7 Storing a Job.....</b>	<b>7-30</b>
<b>8 Error Displays and Other Indicators</b>	
<b>8.1 Major Error Displays and Remedial Actions.....</b>	<b>8-1</b>
<b>8.2 When the Add Paper Indicator Lights up .....</b>	<b>8-4</b>
Adding Paper .....	8-4
<b>8.3 When the Add Toner Indicator Lights up .....</b>	<b>8-8</b>
<b>8.4 When the Paper Misfeed Indicator Lights .....</b>	<b>8-11</b>
Misfeed Indications and Misfeed Locations .....	8-11
Clearing a Paper Misfeed .....	8-12
<b>9 Troubleshooting Tips</b>	
<b>9.1 When This Type of Copy is Produced .....</b>	<b>9-1</b>
<b>9.2 When the Copier is not Operating Correctly.....</b>	<b>9-4</b>
<b>10 Appendix</b>	
<b>10.1 Specifications .....</b>	<b>10-1</b>
Copier Di152/Di183 .....	10-1
Automatic Document Feeder AF-10 .....	10-3

---

Paper Feed Cabinet PF-120 .....	10-3
Shifting Unit OT-103.....	10-4
Job Tray JS-202.....	10-4
Multiple Bypass Tray MB-5 .....	10-4
<b>10.2 Care of the Copier .....</b>	<b>10-5</b>
Cleaning .....	10-5
<b>10.3 Function Combination Table.....</b>	<b>10-6</b>
Function Combination Table .....	10-6
Conditions for Combined Functions .....	10-6
<b>10.4 List of Paper Sizes and Zoom Ratios .....</b>	<b>10-7</b>
Paper Sizes.....	10-7
Zoom Ratios(Original Size to Paper Size) .....	10-8



# 1 Introduction

## 1.1 We Want You to Be a Satisfied Customer

Thank you for choosing a Minolta Di152/Di183.

This User Manual describes the functions, operating procedures, precautions, and basic troubleshooting for the Di152/Di183 copier.

Before using this copier, be sure to read the User Manual thoroughly in order to ensure that you use the copier efficiently. After you have gone through the manual, store it in the holder and keep it handy at all times. Please contact your local authorized Minolta Dealer for support and technical assistance.

Note that some of the illustrations of the machine used in the User Manual may be different from what you actually see on your machine.

### For U.S.A. Users

#### FCC Part 15-Radio Frequency Devices

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARNING: The design and production of this unit conform to FCC regulations, and any changes or modifications must be registered with the FCC and are subject to FCC control. Any changes made by purchaser or user without first contacting the manufacturer will be subject to penalty under FCC regulations.

This device must be used with shielded interface cables. The use of non-shielded cable is likely to result in interference with radio communications and is prohibited under FCC rules.

### For Canada Users

#### Interference-Causing Equipment Standard (ICES-003 Issue 3)

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

## 1.2 SAFETY INFORMATION

This section contains detailed instructions on the operation and maintenance of this machine. To achieve optimum utility of this device, all operators should carefully read and follow the instructions in this manual.

Please keep this manual in a handy place near the machine.

---

Please read the next section before using this device. It contains important information related to user safety and preventing equipment problems.

---

Make sure you observe all of the precautions listed in this manual.

---

\* Please note that some parts of the contents of this section may not correspond with the purchased product.

### Warning and Precaution Symbols

 <b>WARNING:</b>	Ignoring this warning could cause serious injury or even death.
 <b>CAUTION:</b>	Ignoring this caution could cause injury or damage to property.

### Meaning of Symbols



A triangle indicates a danger against which you should take precaution.



This symbol warns against possible high temperature.



A diagonal line indicates a prohibited course of action.



This symbol warns against dismantling the device.



A black circle indicates an imperative course of action.



This symbol indicates you must unplug the device.

 **WARNING**

	<ul style="list-style-type: none"> <li>Do not modify this product: Fire, electrical shock, or breakdown could result. If the product employs a laser, the laser beam source could cause blindness.</li> </ul>
	<ul style="list-style-type: none"> <li>Do not attempt to remove the covers and panels which have been fixed to the product. Some products have a high-voltage part or a laser beam source inside that could cause an electrical shock or blindness.</li> <li>Use only the power cord supplied in the package. Failure to use this cord could result in fire or electrical shock.</li> <li>Use only the specified power source voltage. Failure to do so could result in fire or electrical shock.</li> <li>Do not use a multiple outlet adapter to connect any other appliances or machines. Use of a power outlet for more than the marked current value could result in fire or electrical shock.</li> </ul>
	<p>Do not unplug and plug in the power cord with a wet hand: An electrical shock could result.</p>
	<p>Plug the power cord all the way into the power outlet. Failure to do so could result in fire or electrical shock.</p>
	<ul style="list-style-type: none"> <li>Do not scratch, abrade, place a heavy object on, heat, twist, bend, pull on, or damage the power cord. Use of a damaged power cord (exposed core wire, broken wire, etc.) could result in fire or breakdown. Should any of these conditions be found, immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your authorized service representative.</li> <li>In principle, do not use an extension cord. Use of an extension cord could cause fire or electrical shock. Contact your authorized service representative if an extension cord is required.</li> </ul>
	<p>Do not place a flower vase or other container that contains water, or metal clips or other small metallic objects on this product. Spilled water or metallic objects dropped inside the product could result in fire, electrical shock, or break-down.</p> <p>Should a piece of metal, water, or any other similar foreign matter get inside the product, immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your authorized service representative.</p>
	<ul style="list-style-type: none"> <li>If this product becomes inordinately hot or emits smoke, or emits an unusual odor or noise, immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your authorized service representative. If you keep on using it as is, fire or electrical shock could result.</li> <li>If this product has been dropped or its cover damaged, immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your authorized service representative. If you keep on using it as is, fire or electrical shock could result.</li> </ul>
	<p>Do not throw the toner cartridge or toner into an open flame. The hot toner may scatter and cause burns or other damage.</p>
	<p>Connect the power cord only to an electrical outlet that is equipped with a grounding terminal.</p>

**⚠ CAUTION**

- Do not use flammable sprays, liquids, or gases near this product, as fire could result.
- Do not leave a toner unit or drum unit in a place within easy reach of children. Licking or ingesting any of these substances could injure your health.
- Do not let any object plug the ventilation holes of this product. Heat could accumulate inside the product, resulting in a fire or malfunction.
- Do not install this product at a site that is exposed to direct sunlight, or near an air conditioner or heating apparatus. The resultant temperature changes inside the product could cause a malfunction, fire, or electrical shock.
- Do not place the product in a dusty place, or a site exposed to soot or steam, near a kitchen table, bath, or a humidifier. Fire, electrical shock, or breakdown could result.
- Do not place this product on an unstable or tilted bench, or in a location subject to a lot of vibration and shock. It could drop or fall, causing personal injury or mechanical breakdown.
- After installing this product, mount it on a secure base. If the unit moves or falls, it may cause personal injury.
- Do not store toner units and PC drum units near a floppy disk or watch that are susceptible to magnetism. They could cause these products to malfunction.



The inside of this product has areas subject to high temperature, which may cause burns. When checking the inside of the unit for malfunctions such as a paper misfeed, do not touch the locations (around the fusing unit, etc.) which are indicated by a "Caution! High Temperature!" warning label.



Do not place any objects around the power plug, as the power plug may be difficult to pull out when an emergency occurs.



- Always use this product in a well ventilated location. Operating the product in a poorly ventilated room for an extended period of time could injure your health. Ventilate the room at regular intervals.
- Whenever moving this product, be sure to disconnect the power cord and other cables. Failure to do this could damage the cord or cable, resulting in fire, electrical shock, or breakdown.
- When moving this product, always hold it by the locations specified in the User manual or other documents. If the unit falls it may cause severe personal injury. The product may also be damaged or malfunction.
- Remove the power plug from the outlet at least twice a year and clean the area between the plug terminals. Dust that accumulates between the plug terminals could cause a fire.
- When unplugging the power cord, be sure to hold onto the plug. Pulling on the power cord could damage the cord, resulting in fire or electrical shock.

## Precautions for Routine Use



- Do not store toner units, PC drum units, or other supplies and consumables in a place subject to direct sunlight and high temperature or humidity, as poor image quality and malfunction could result.
- Do not attempt to replace the toner unit and PC drum unit in a place exposed to direct sunlight. If the PC drum is exposed to intense light, poor image quality could result.
- Do not unpack a toner unit or PC drum unit until the very time of use. Do not leave an unpacked unit standing. Install it immediately or poor image quality could result.
- Do not keep toner units and PC drum units in an upright position or upside down, as poor image quality could result.
- Do not throw or drop a toner unit or PC drum unit, as poor image quality could result.
- Do not use this product in an area where ammonia or other gases or chemicals are present. Failure to do so may shorten the service life of the product, cause damage or decrease performance.
- Do not use this product in an environment with a temperature outside the range specified in the User manual, as breakdown or malfunction could result.
- Do not attempt to feed stapled paper, carbon paper or aluminum foil through this product, as malfunction or fire could result.



Do not touch or scratch the surface of the toner unit developing roller or the PC drum, as poor image quality could result.



Use the supplies and consumables recommended by the dealer. Use of any supply or consumable not recommended could result in poor image quality or breakdown.

## Laser Safety

This is a digital machine which operates using a laser. There is no possibility of danger from the laser provided the machine is operated according to the instructions in this manual.

Since radiation emitted by the laser is completely confined within protective housing, the laser beam cannot escape from the machine during any phase of user operation.

This machine is certified as a Class 1 laser product: This means the machine does not produce hazardous laser radiation.

## Internal Laser Radiation

Maximum Average Radiation Power:26.4  $\mu\text{W}$  at the laser aperture of the print head unit.

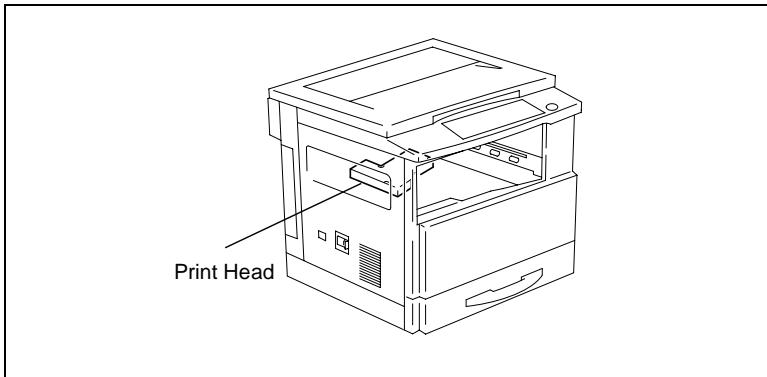
Wavelength:770-795 nm

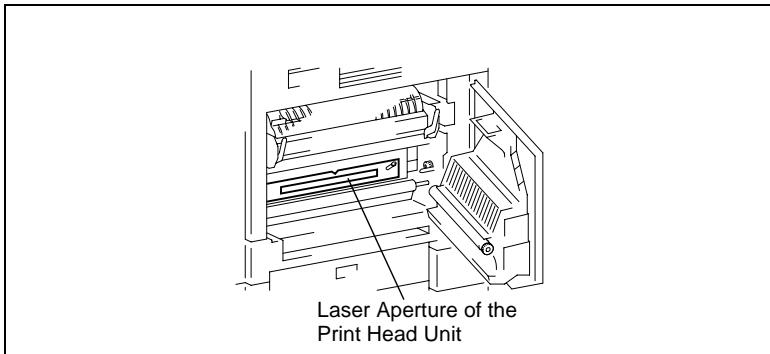
This product employs a Class 3b laser diode that emits an invisible laser beam.

The laser diode and the scanning polygon mirror are incorporated in the print head unit.

The print head unit is NOT A FIELD SERVICE ITEM:

Therefore, the print head unit should not be opened under any circumstances.





There is a laser aperture at the location shown above, which must, however, NEVER be viewed directly by the user.

### CDRH Regulation

This machine is certified as a Class 1 Laser product under Radiation Performance Standard according to the Food, Drug and Cosmetic Act of 1990. Compliance is mandatory for Laser products marketed in the United States and is reported to the Center for Devices and Radiological Health (CDRH) of the U.S. Food and Drug Administration of the U.S. Department of Health and Human Services (DHHS). This means that the device does not produce hazardous laser radiation.

The label shown on page 1-9 indicates compliance with the CDRH regulations and must be attached to laser products marketed in the United States.

---

#### CAUTION

Use of controls, adjustments or performance of procedures other than those specified in this manual may result in hazardous radiation exposure.

---

This is a semiconductor laser. The maximum power of the laser diode is 5 mW and the wavelength is 770-795 nm.

### For European Users

---

#### CAUTION

Use of controls, adjustments or performance of procedures other than those specified in this manual may result in hazardous radiation exposure.

---

This is a semiconductor laser. The maximum power of the laser diode is 5 mW and the wavelength is 770-795 nm.

## For Denmark Users

---

### **ADVARSEL**

Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling. Klasse 1 laser produkt der opfylder IEC60825 sikkerheds kravene.

---

Dansk: Dette er en halvlederlaser. Laserdiodens højeste styrke er 5 mW og bølgelængden er 770-795 nm.

## For Finland, Sweden Users

---

### LOUKAN 1 LASERLAITE KLASS 1 LASER APPARAT

---

### **VAROITUS!**

Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittäville näkymätömälle lasersäteilylle.

---

Tämä on puolijohdelaser. Laserdiodin sunrin teho on 5 mW ja aallonpituuus on 770-795 nm.

---

### **VARNING!**

Om apparaten används på annat sätt än i denna bruksanvisning specificerats, kan användaren utsättas för osynlig laserstrålning, som överstiger gränsen för laserklass 1.

---

Det här är en halvledarlaser. Den maximala effekten för laserdioden är 5 mW och våglängden är 770-795 nm.

---

### **VARO!**

Avattaessa ja suojalukitus ohitettaessa olet alittiina näkymättömälle lasersäteilylle. Älä katso sääteeseen.

---

---

### **VARNING!**

Osynlig laserstrålning när denna del är öppnad och spärren är urkopplad. Beträkta ej strålen.

---

## For Norway Users

---

### **ADVERSEL**

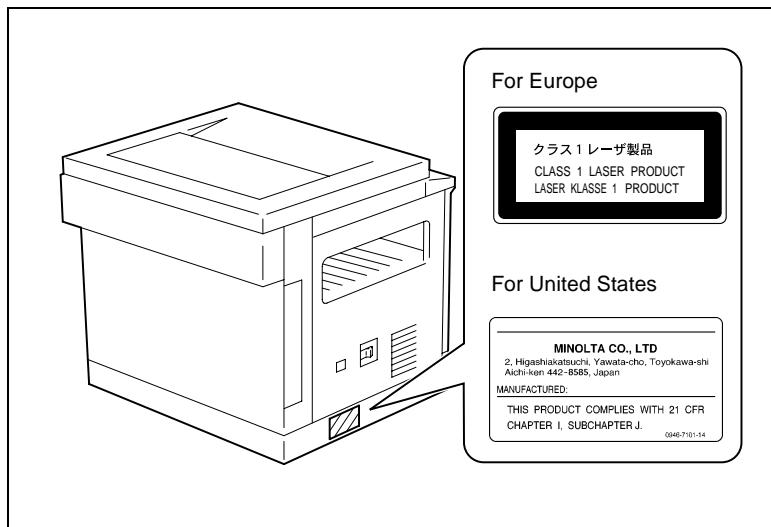
Dersom apparatet brukes på annen måte enn spesifisert i denne bruksanvisning, kan brukeren utsettes for unsynlig laserstråling som overskriden grensen for laser klasse 1.

---

Dette en halvleder laser. Maksimal effekt til laserdiode er 5 mW og bølgelengde er 770-795 nm.

## Laser Safety Label

A laser safety label is attached to the outside of the machine as shown below.



## Ozone Release

---

### NOTE

= Locate the Machine in a Well Ventilated Room =

A negligible amount of ozone is generated during normal operation of this machine. An unpleasant odor may, however, be created in poorly ventilated rooms during extensive machine operations. For a comfortable, healthy, and safe operating environment, it is recommended that the room well ventilated.

---

---

### REMARQUE

= Placer l'appareil dans une pièce largement ventilée =

Une quantité d'ozone négligeable est dégagée pendant le fonctionnement de l'appareil quand celui-ci est utilisé normalement. Cependant, une odeur désagréable peut être ressentie dans les pièces dont l'aération est insuffisante et lorsque une utilisation prolongée de l'appareil est effectuée. Pour avoir la certitude de travailler dans un environnement réunissant des conditions de confort, santé et de sécurité, il est préférable de bien aérer la pièce où se trouve l'appareil.

---

## Acoustic Noise

For European Users

Machine Noise Regulation 3 GSGV, 18.01.1991 : The sound pressure level at the operator position according to EN 27779 is equal to or less than 70 dB(A).

## 1.3 About the User Manual

### Explanation of Manual Conventions

The marks and text formats used in this manual are described below.



#### WARNING

**Failure to observe instructions highlighted in this manner may result in fatal or critical injuries.**

- Observe all warnings in order to ensure safe use of the copier.



#### CAUTION

**Failure to observe instructions highlighted in this manner may result in serious injuries or property damage.**

- Observe all cautions in order to ensure safe use of the copier.



#### Note

(\* May also appear as "Important" or "Tip")

*Text highlighted in this manner contains useful information and tips to ensure safe use of the copier and serve as supplementary information. It is recommended that you read all of them.*

- 1 The number 1 as formatted here indicates the first step of a sequence of actions.
- 2 Subsequent numbers as formatted here indicate subsequent steps of a sequence of actions.
  - ? *Text formatted in this style provides additional assistance.*
  - Text formatted in this style describes the action that will ensure the desired results are achieved.

An illustration inserted here shows what operations must be performed.

#### [ ] key

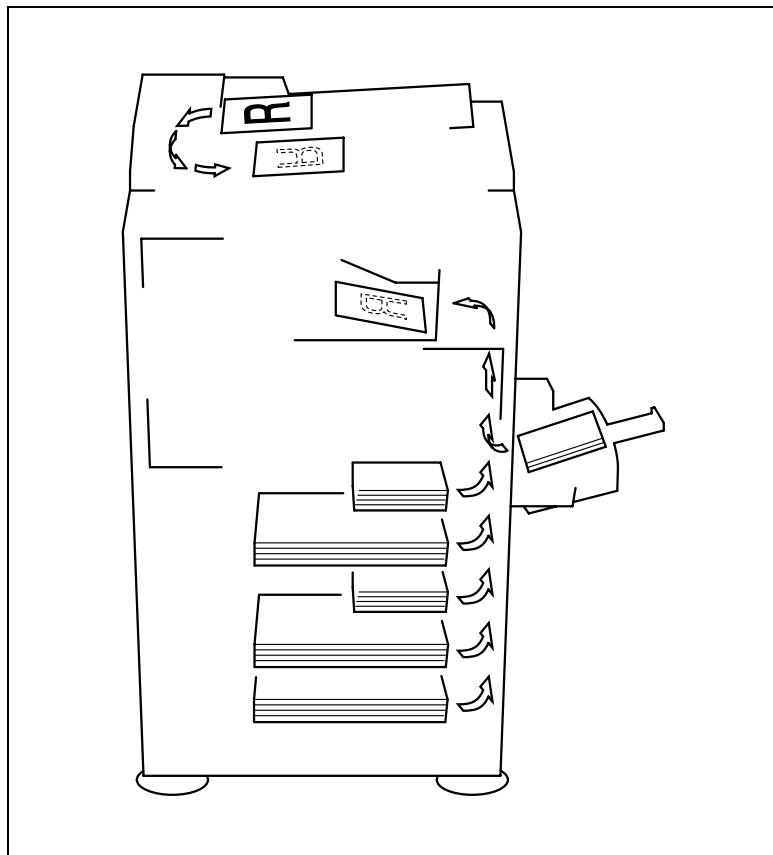
The names of keys on the control panel are written as shown above.

## 1.4 Explanation of Basic Concepts and Symbols

The use of words and symbols in this manual are explained below.

### Paper Feeding

During printing, paper is supplied from the right side of the copier and fed into the Exit Tray on top with the printed surface of the page facing down. The paper feed direction is shown by the arrows in the diagram below.

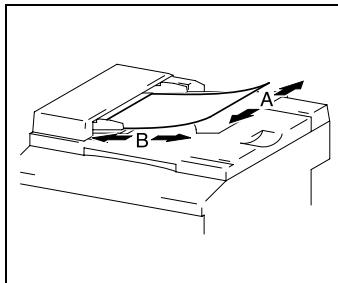


## “Width” and “Length”

Whenever paper dimensions are mentioned in this manual, the first value always refers to the width of the paper (shown as “A” in the illustration) and the second to the length (shown as “B”).

A: Width

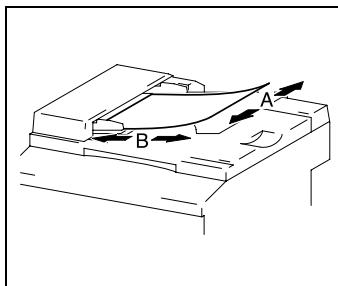
B: Length



## Paper Orientation

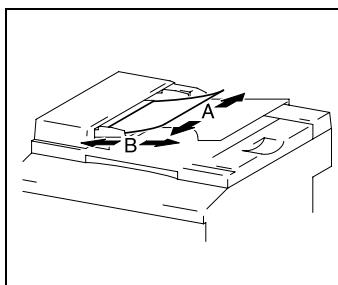
Lengthwise (□)

If the width (A) of the paper is shorter than the length (B), the paper has a vertical or portrait orientation, indicated by either “L” or □.



Crosswise (□)

If the width (A) of the paper is longer than the length (B), the paper has a horizontal or landscape orientation, indicated by either “C” or □.



## 2 Precautions

Observe the following precautions to keep the copier in the best possible conditions.

### 2.1 Installation Precautions

#### Installation site

To ensure utmost safety and prevent possible malfunctions, install the copier in a location that meets the following requirements:

- A location away from curtains, etc. that may catch fire and burn easily
- A location that is not exposed to water or other liquids
- A location free from direct sunlight
- A location out of the direct airflow of an air conditioner or heater, and not exposed to extremely high or low temperatures
- A well-ventilated location
- A location that is not exposed to high humidity
- A location that is not extremely dusty
- A location not subjected to undue vibrations
- A stable and level location
- A location where ammonia or other organic gases are not generated
- A location that does not put the operator in the direct airflow of exhaust from the copier
- A location that is not near any kind of heating devices

#### Power source

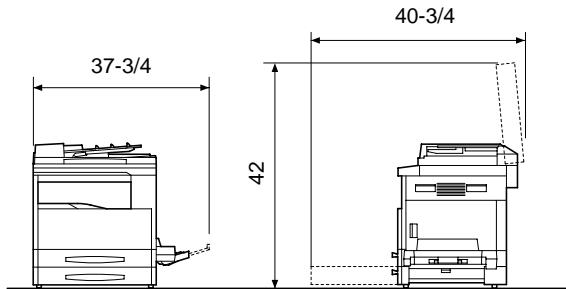
The power source requirements are as follows.

- Voltage Fluctuation: Within  $\pm 10\%$  (127 V: +6%, -10%)
- Frequency Fluctuation: Within  $\pm 3$  Hz
- Use a power source with as few voltage or frequency fluctuations as possible.

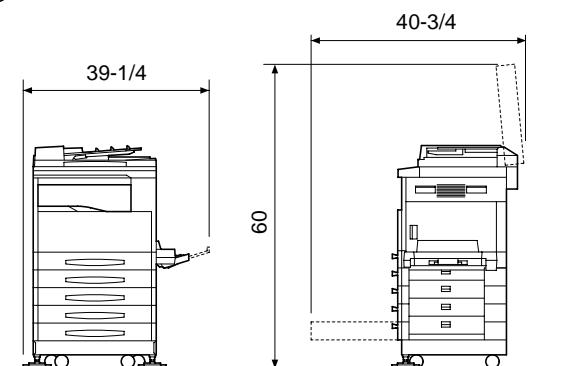
## Space Requirements

To ensure easy copier operation, supply replacement, and maintenance, adhere to the recommended space requirements detailed below.

<Di152>



<Di183>



Unit: Inch



...

### Note

Be sure to allow a clearance of 4 inch or more at the back of the copier and 6 inch or more at the right of the copier for the removal of the misfed papers.

## 2.2 Operation Precautions

### Operating Environment

The environmental requirements for correct operation of the copier are as follows:

- Temperature: 10°C to 30°C (50°F to 90°F) with fluctuations of no more than 10°C (18°F) within an hour
- Humidity: 15% to 85% with fluctuations of no more than 10% within an hour

### Proper Use

To ensure the optimum performance of the copier, follow the precautions listed below:

- Never place heavy objects on the Original Glass or subject it to shocks.
- Never open any copier doors or turn OFF the copier while it is making copies/printing, as a paper misfeed could result.
- Never bring any magnetized object, or use flammable sprays or liquids, near the copier.
- + Always make sure that the power plug is completely plugged into the electrical output.
- Always make sure that the copier's power plug is visible and not hidden by the copier.
- + Always unplug the copier from the electrical outlet if the copier is not to be used for a long period of time.
- + Always provide good ventilation when making a large number of continuous copies/printed pages.



---

### CAUTION

**A negligible amount of ozone is generated during normal operation of this copier. An unpleasant odor may, however, be detected in poorly ventilated rooms during extensive copier operations.**

- For a comfortable operating environment, it is recommended that the room be well ventilated.

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## CAUTION

### The area around the Fusing Unit is extremely hot.

- Do not touch any area other than those authorized in the manual to reduce the risk of burns. Be especially careful not to touch parts marked with warning labels, and their surrounding areas.

## Transporting the Copier

If you need to transport the copier over a long distance, consult your Tech. Rep.

## Care of Copier Supplies

Use the following precautions when handling the copier supplies (toner, paper, etc.).

- ✚ Store the supplies in a location that meets the following requirements:
  - Free from direct sunlight
  - Away from any heating apparatus
  - Not subjected to high humidity
  - Not extremely dusty
- ✚ Paper that has been removed from its wrapper but not loaded in the copier should be stored in a sealed plastic bag in a cool, dark place.
- Use only toner that has been manufactured specifically for this copier.
  - Never use other types of toner.
- Keep all supplies out of the reach of children.



## CAUTION

### Be careful not to spill toner inside the copier or get toner on your clothes or hands.

- If your hands become soiled with toner, immediately wash them with soap and water.

## 2.3 Legal Restrictions on Copying

Certain types of documents must not be copied with the purpose or intent to pass copies of such documents off as the originals.

The following is not a complete list, but is meant to be used as a guide to responsible copying.

### <Financial Instruments>

- Personal checks
- Travelers checks
- Money orders
- Certificates of deposit
- Bonds or other certificates of indebtedness
- Stock certificates

### <Legal Documents>

- Food stamps
- Postage stamps (canceled or uncanceled)
- Checks or drafts drawn by government agencies
- Internal revenue stamps (canceled or uncanceled)
- Passports
- Immigration papers
- Motor vehicle licenses and titles
- House and property titles and deeds

### <General>

- Identification cards, badges, or insignias
- Copyrighted works without permission of the copyright owner

In addition, it is prohibited under any circumstances to copy domestic or foreign currencies, or works of art, without permission of the copyright owner.

When in doubt about the nature of a document, consult with legal counsel.



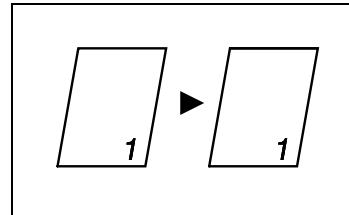
### 3 Before Making Copies

#### 3.1 Available Features

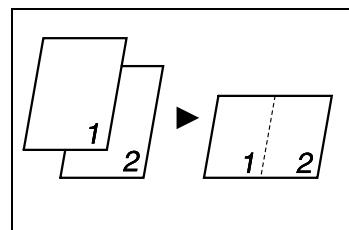
The main copy settings available with this copier are listed below. For details on their operation, refer to the pages indicated.

##### Copies

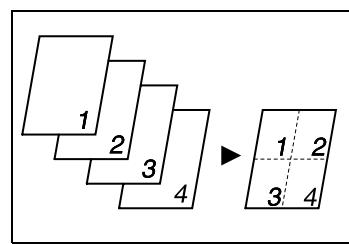
- 1-sided copies (p.6-1)



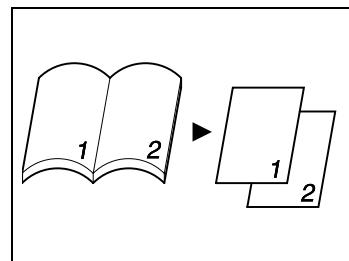
- 2in1 copies (p.6-1)



- 4in1 copies (p.6-1)

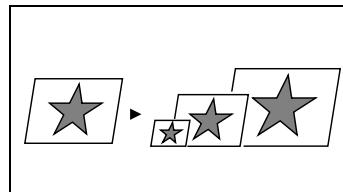


- Book separation copies (p.6-2)



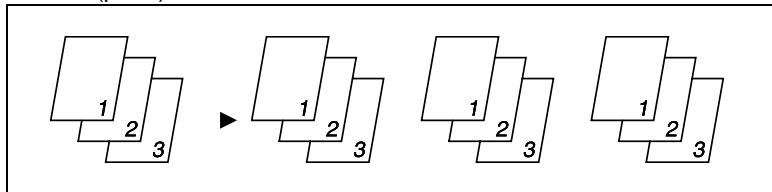
## Zoom Ratio

- Reduced/Full Size/Enlarge (p.5-11)

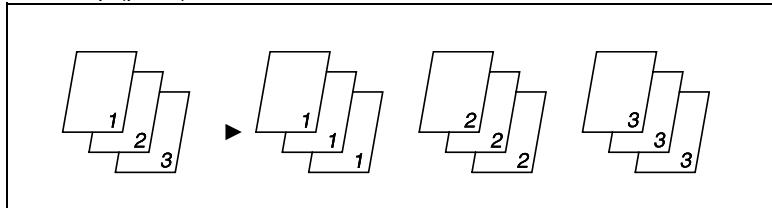


## Finishing

- Sort (p.6-6)



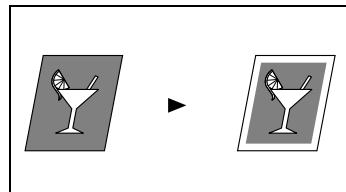
- Group (p.6-7)

**Note**

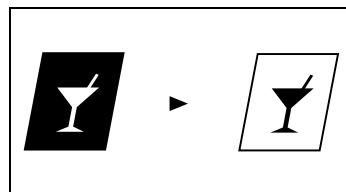
*The finishing functions available are limited according to the options equipped to the copier.*

## Product: 2002 Konica Minolta Di152/Di183 Printer User Manual

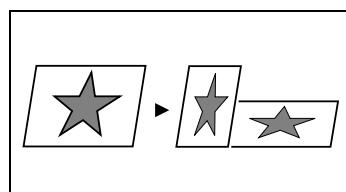
Applications  
● Erase (p.6-10)



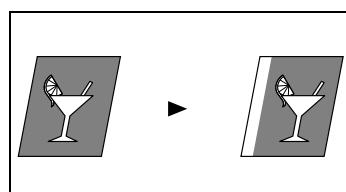
- Neg. ↔ Pos. Reverse (p.6-13)



- X/Y Zoom (p.5-14)

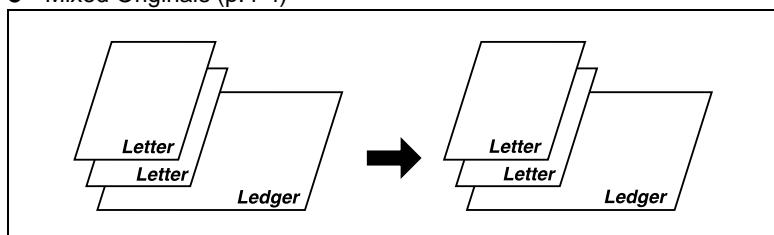


- File Margin (p.6-14)



## Mixed Orig. Detection

- Mixed Originals (p.4-4)



## Note

The Mixed Orig. Detection function is available when the copier is equipped with an Automatic Document Feeder (option).  
<https://www.arepairmanual.com/downloads/2002-konica-minolta-di152-di183-printer-user-manual.pdf>