

Information

Introduction

This manual contains detailed instructions and notes on the operation and use of this machine. For your safety and benefit, read this manual carefully before using the machine. Keep this manual in a handy place for quick reference.

Power Source

220-240 V, 50/60 Hz, 4.3 A or more

Please be sure to connect the power cable to a power source as above.

Laser Safety:

This machine is considered class 1 laser device, safe for office/ EDP use. The machine contains 6.2 milliwatt, 770 - 795 nanometer wavelength, AlGaAs laser diodes. Safety precautions and interlock mechanisms have been designed to prevent any possible laser beam exposure to the operator.

The following label is attached the part about the toner cartridge inside the printer.



Important

Contents of this manual are subject to change without prior notice. In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.

Two kinds of size notation are employed in this manual. With this machine refer to the metric version.

Do not copy or print any item for which reproduction is prohibited by law.

Copying or printing the following items is generally prohibited by local law:

bank notes, revenue stamps, bonds, stock certificates, bank drafts, checks, passports, driver's licenses.

The preceding list is meant as a guide only and is not inclusive. We assume no responsibility for its completeness or accuracy. If you have any questions concerning the legality of copying or printing certain items, consult with your legal advisor.

Caution:

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

For good print quality, the supplier recommends that you use genuine toner, maintenance kits and parts from the supplier.

The supplier shall not be responsible for any damage or expense that might result from the use of consumables (toner, maintenance kits and parts) other than genuine consumables from the supplier with your office products.

Notes

Some illustrations in this manual might be slightly different from the machine.

Certain options might not be available in some countries. For details, please contact your local dealer.

Safety Information

When using your printer, the following safety precautions should always be followed. In this manual, the following important symbols are used:

 **WARNING:**

Indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.

 **CAUTION:**

Indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.

Environments Where the Machine Can be Used

 **WARNING:**

- ***Keep the machine away from flammable liquids, gases, and aerosols. A fire or an electric shock might occur.***

 **CAUTION:**

- *Keep the machine away from humidity and dust. Otherwise a fire or an electric shock might occur.*
- *Do not place the machine on an unstable or tilted surface. If it topples over, an injury might occur.*
- *Make sure the room where you are using the machine is well ventilated and spacious. Good ventilation is especially important when the machine is used heavily.*
- *Place the machine on a strong and level surface. Otherwise, it might fall and injure someone.*
- *Keep the machine in an area that is within optimum environmental conditions. Operating the machine in an environment that is outside the recommended ranges of humidity and temperature can cause an electrical fire hazard. Keep the area around the socket free of dust. Accumulated dust can become an electrical fire hazard.*
- *Place no objects on the cover.*
- *If you use the machine in a confined space, ensure there is continuous air circulation.*

Note

- ☐ Depending on the ambient temperature and humidity, steam may come from the exhaust vent behind the control panel during printing. This is water vapour from the paper, not a sign of malfunction.
- ☐ To avoid possible build-up of ozone, locate this machine in a large well ventilated room that has an air turnover of more than 30 m³/hr/person.

Handling Power Cords and Power Plugs

WARNING:

- ***The supplied power cord is for use with this equipment only. Do not use with other appliances. Doing so may result in fire, electric shock, or injury.***
- ***Disconnect the power plug (by pulling the plug, not the cable) if the power cable or plug becomes frayed or otherwise damaged.***
- ***If the power cord is damaged (exposure of the core, disconnection, etc.), contact your service representative to change to a new one. Operating the machine with a damaged power cord may cause an electric shock or fire.***
- ***It is dangerous to handle the plug with wet hands. Doing this may result in receiving an electric shock.***
- ***Confirm the wall outlet is near the machine and freely accessible, so that in the event of emergency, it can be unplugged easily.***
- ***Avoid connecting multiple devices including this printer to the same power source.***
- ***Connect the machine to the power source specified in "Safety Information" and do not use any other power sources. Connect the power cord directly to a wall outlet and do not use an extension cord. Power sources not specified in "Safety Information" and extension cords are electric shock or fire hazards.***
- ***Power cords that are damaged, broken, modified, trapped under heavy objects, pulled hard, or bent severely are electric shock and fire hazards.***

CAUTION:

- ***To disconnect the power cord, pull it out by plug. Do not drag the cord itself. Doing so may result in damage to the cord, leading to fire or electric shock.***
- ***For safety reason, unplug the power cord from the wall outlet if the machine will not be used for an extended period of time such as holidays.***

Handling the Main Machine

WARNING:

- **Turn off the power and disconnect the power plug (by pulling the plug, not the cable) if any of the following occurs:**
 - **You spill something into the machine.**
 - **You suspect that your machine needs service or repair.**
 - **The external housing of your machine has been damaged.**

CAUTION:

- *Unplug the power cord from the wall outlet before you move the machine. While moving the machine, you should take care that the power cord will not be damaged under the machine.*
- *For environmental reasons, do not dispose of the machine or expended supply waste at household waste collection points. Disposal can take place at an authorized dealer.*
- *Disposal should take place at an authorized dealer or an appropriate collection site.*
- *Before moving the machine, unplug the power cord from the wall outlet. If the cord is unplugged abruptly, it could become damaged. Damaged plugs or cords can cause an electrical or fire hazard.*
- *When moving the printer after use, do not take out any of the Toners, Photo Conductor Units, nor the Waste Toner Cartridge to prevent toner spill inside the machine.*
- *When moving the machine, hold the inset grips at both sides, and then lift the printer slowly. Lifting it carelessly or dropping it may cause an injury.*
- *The printer weighs about 17 kg (37.5 lb.). When lifting the machine, use the inset grips on both sides. Otherwise the printer could break or cause injury if dropped.*
- *Do not allow paper clips, staples, or other small metallic objects to fall inside the machine.*
- *Do not look into the lamp. It can damage your eyes.*

Important


- ☐ Rating voltage of the connector for options: Max. DC 24 V.
- ☐ Voltage must not fluctuate more than 10%.

Handling the Machine's Interior

WARNING:

- ***To avoid hazardous electric shock or laser radiation exposure, do not remove any covers or screws other than those specified in this manual.***
- ***Do not take apart or attempt any modifications to this machine. There is a risk of fire, electric shock, explosion or loss of sight. If the machine has laser systems, there is a risk of serious eye damage.***

CAUTION:

- *The fusing section of this machine might be very hot. Caution should be taken when removing misfed paper.*
- *The inside of this printer becomes very hot. Do not touch parts labelled “” (indicating a hot surface). Touching these parts will result in burns.*
- *The fusing unit becomes very hot. When installing a new fusing unit, turn off the printer and wait at least an hour before replacing the old fusing unit. Not allowing the unit to cool may result in burns.*
- *When removing misfed paper, do not touch the fusing unit because it could be very hot.*
- *Do not touch the inside of the controller board compartment. It may cause a machine malfunction or a burn.*
- *Do not place the controller board near or into fire, as the lithium battery inside this machine will explode and cause a burn.*
- *Wait at least one hour after power off before replacing parts. Not allowing the printer to cool may result in burns.*
- *Before installing options, the machine should be turned off and unplugged for at least half an hour. Components inside the machine become very hot, and can cause a burn if touched.*
- *During operation, rollers for transporting the paper revolve. A safety device is being installed so that the machine can be operated safely. But take care not to touch the machine during operation. An injury might occur.*
- *When loading paper, take care not to trap or injure your fingers.*
- *Fire and breakdown can result from heavy accumulation of dust inside this machine. Consult your service representative for details about and charges for cleaning the machine's interior.*
- *Do not pull out the paper tray forcefully. If you do, the tray might fall and cause an injury.*
- *When pulling the paper tray out, be careful not to pull it strongly. If you do, the tray might fall and cause an injury.*
- *Lifting the paper feed unit carelessly or dropping it may cause injury.*

Handling the Machine's Supplies

WARNING:

- ***Do not incinerate used toner or toner container. Toner dust might ignite when exposed to an open flame.***
- ***Dispose of used toner containers in accordance with local regulations.***
- ***Do not store toner, used toner, or toner containers in a place with an open flame. The toner might ignite and cause burns or a fire.***

CAUTION:

- *Do not use aluminum foil, carbon paper, or similar conductive paper to avoid a fire or machine failure.*
- *Keep toner (used or unused) and the toner container out of reach of children.*
- *If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.*
- *If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.*
- *If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary.*
- *Avoid getting toner on your clothes or skin when removing a paper jam or replacing toner. If your skin comes into contact with toner, wash the affected area thoroughly with soap and water.*
- *If toner gets on your clothing, wash with cold water. Hot water will set the toner into the fabric and may make removing the stain impossible.*
- *Do not open toner containers forcefully. Toner can spill, dirtying your clothes or hands, and possibly resulting in accidental ingestion.*
- *Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.*
- *Keep SD cards out of reach of children. If a child swallows a SD card, consult a doctor immediately.*

Note

- Our products are engineered to meet the highest standards of quality and functionality. When purchasing expendable supplies, we recommend using only those specified by an authorized dealer.

For People Using a Pacemaker

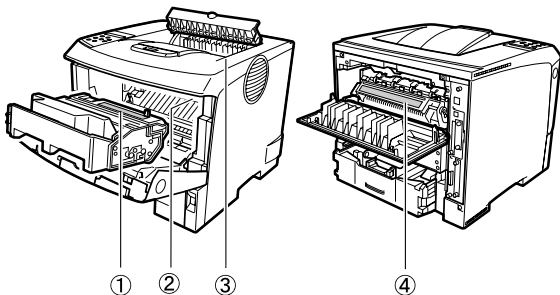
WARNING:

- ***This machine generates weak magnetic field that can interfere with pacemaker regulation. We advise people with pacemakers to consult a doctor and not to use this machine if they experience irregular pacemaker activity while near the machine.***

Safety Labels of This Machine

Positions of ⚠ WARNING and ⚠ CAUTION labels

This machine has labels for ⚠WARNING and ⚠CAUTION at the positions shown below. For safety, please follow the instructions and handle the machine as indicated.



AUB0505

①

WARNING ATTENTION WARNING ⚠ AVVISO AVISO ADVERTENCIA 警告		● Do not incinerate toner or toner containers. Toner dust may cause flashback when exposed to an open flame.
		● Ne pas incinérer les cartouches ni les boîtes de cartouches de toner. Exposée à une flamme nue, la cendre de toner peut provoquer un retour de flamme.
		● Verbrennen Sie keinen Toner oder Tonerkartusche. Tonerstaub kann beim Kontakt mit offenem Feuer explodieren.
		● Non gettare il toner o i contenitori del toner sul fuoco. La polvere del toner si può incendiare dalla fiamma.
		● No incinerar el tóner ni los contenedores de tóner. El polvo de tóner puede inflamarse al ser expuesto al fuego.
		● Não exponha o Toner ou a sua embalagem ao fogo. O pó de Toner poderá explodir quando exposto a chama viva.
		● トナー又はトナーの入った容器を直接焼却炉等の火中に投入しないでください。火傷をするおそれがあります。

Do not incinerate toner or toner containers. Toner dust may cause flashback when exposed to open flames.

②



The inside of this printer becomes very hot. Do not touch parts with this label (indicating a hot surface). Touching these parts will result in burns.

③



The inside of this printer becomes very hot. Do not touch parts with this label (indicating a hot surface). Touching these parts will result in burns.



The inside of this printer becomes very hot. Do not touch parts with this label (indicating a hot surface). Touching these parts will result in burns.

Power Switch Symbols

The meanings of the symbols for the switches on this machine are as follows:

- means POWER ON.
- means POWER OFF.

User Information on Electrical & Electronic Equipment

Users in the EU, Switzerland and Norway

Our Products contain high quality components and are designed to facilitate recycling.

Our products or product packaging are marked with the symbol below.



The symbol indicates that the product must not be treated as municipal waste. It must be disposed of separately via the appropriate return and collection systems available. By following these instructions you ensure that this product is treated correctly and help to reduce potential impacts on the environment and human health, which could otherwise result from inappropriate handling. Recycling of products helps to conserve natural resources and protect the environment.

For more detailed information on collection and recycling systems for this product, please contact the shop where you purchased it, your local dealer or sales/service representatives.

All Other Users

If you wish to discard this product, please contact your local authorities, the shop where you bought this product, your local dealer or sales/service representatives.

Noise Emission ^{*1}

❖ Sound Power Level: Mainframe only

Standby	42 dB (A)
During Printing	65 dB (A)

❖ Sound Pressure level: Mainframe only ^{*2}

Standby	36 dB (A)
During Printing	59 dB (A)

^{*1} The preceding measurements made in accordance with ISO7779 are actual values.

^{*2} Measured at the position of a bystander.

ENERGY STAR Program

ENERGY STAR® Program Requirements for Imaging Equipment



The ENERGY STAR® Program Requirements for Imaging Equipment encourages energy conservation by promoting energy efficient computers and other office equipment.

The program backs the development and dissemination of products that feature energy saving functions.

It is an open program in which manufacturers participate voluntarily.

Targeted products are computers, monitors, printers, facsimiles, copiers, scanners, and multi-function devices. Energy Star standards and logos are internationally uniform.

❖ Low-power Mode (Energy Saver mode)


This printer automatically lowers its power consumption 5 minutes after the last operation has been completed. To exit Low-power (Energy Saver) mode, press any key on the control panel. For more information about how to configure Energy Saver mode, see “Making Printer Settings Using the Control Panel”, Software Guide as a HTML file on the CD-ROM.

❖ Specifications

Energy Saver mode	Power Consumption	With Options : 12.5 W or less Printer Only : 6.5 W or less
	Default Time	5 minutes

MEMO

MEMO

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