

SP C311N/C312DN

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.

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.

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.

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.

Depending on which country you are in, certain units may be optional. For details, please contact your local dealer.

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. Direct (or indirect reflected) eye contact with the laser beam might cause serious eye damage. Safety precautions and interlock mechanisms have been designed to prevent any possible laser beam exposure to the operator.

The following label is attached on rear side of the printer.



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.

Power Source

220-240 V, 50/60 Hz, 6 A or more

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

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.*
- *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.*
- *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.*
- *Machine sound levels exceeding $L_{Wsd} > 63$ dB (A) are not suitable for desk work environments, so place the machine in another room.*
- *When new, electrical devices containing volatile materials will normally release emissions into the air of their vicinity. For this reason, for the first few days after installation of a new device, strong ventilation inside the room where it is placed is necessary.*

Note

- ☐ When you use this machine for a long time in a confined space without good ventilation, you may detect an odd smell. To keep the workplace comfortable, we recommend that you keep it well ventilated.

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.*
- *The wall outlet shall be installed near the machine and shall be easily accessible.*
- *Connect the machine to the power source specified in this manual 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 this manual 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.*
- *Plug and unplug the power cable with dry hands, or an electric shock could occur.*

CAUTION:

- *When you disconnect the power plug from the wall outlet, always pull the plug (not the cable).*
- *It is dangerous to handle the plug with wet hands. Doing this may result in receiving an electric shock.*

Handling the Machine

WARNING:

- *When replacing the Transfer Unit, turn the main power switch off and wait at least 30 minutes before proceeding with the replacement.*
- *When replacing the Fusing Unit, turn the main power switch off and wait at least 30 minutes before proceeding with the replacement.*
- *Wait for 30 minutes or more after disconnecting the power plug before removing the transfer unit.*

CAUTION:


- *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.*
- *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.*
- *Do not connect the Ethernet port of the machine to a network that may supply excess voltage, such as a telephone line. Doing so may result in fire or electric shock.*
- *The printer weighs approximately 28 kg (61.7 lb.). When moving the printer, use the inset grips on both sides, and lift slowly in pairs. The printer will break or cause injury if dropped.*
- *When moving the printer after use, do not take out any of the toners, nor the waste toner bottle to prevent toner spill inside the machine.*
- *When moving the printer, use the inset grips on both sides. The printer will break or cause injury if dropped.*
- *Be careful not to trap your fingers when opening or closing the top cover.*

Handling the Machine's Interior

WARNING:

- *Do not attempt any maintenance or troubleshooting other than that mentioned in this manual. This machine contains a laser beam generator and direct exposure to laser beams can cause permanent eye damage.*
- *Do not put your hands inside the printer when the input tray is removed. Some internal parts become hot and are a burn hazard.*

CAUTION:

- *The inside of this printer becomes very hot. Do not touch parts labelled “

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Handling the Consumables

WARNING:

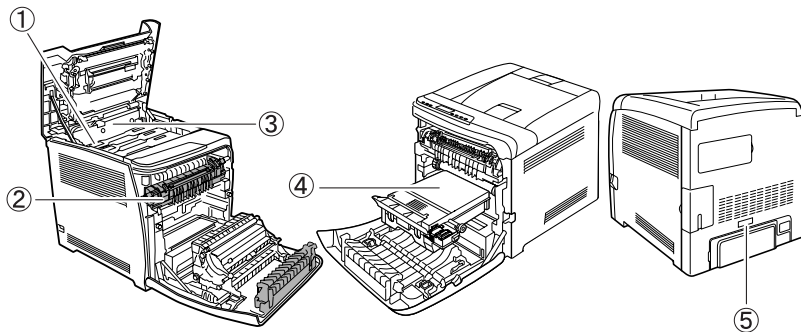
- *Do not incinerate used toner or toner containers. Toner dust might ignite when exposed to an open flame. Dispose of used toner containers in accordance with local regulations.*
- *Do not store toner, used toner, or toner containers in a place with an open flame. The toner might ignite and cause burns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

CAUTION:

- *Keep toner (used or unused) and toner containers 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.*
- *Our products are engineered to meet high standards of quality and functionality, and we recommend that you use only the expendable supplies available at an authorized dealer.*

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.



AS1067S

①



Do not incinerate used toner or toner containers. Toner dust might ignite when exposed to an open flame. Dispose of used toner containers in according with local regulations.

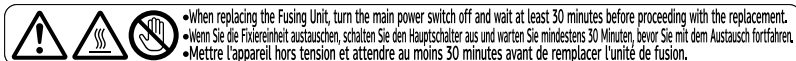
Keep toner (used or unused) and toner containers out of reach of children.

②



Do not touch labelled gray areas.

The areas can get very hot.

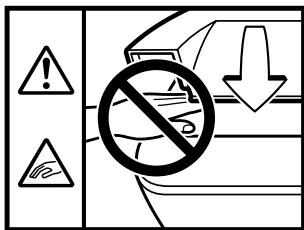


•Al sustituir la unidad de fusión, apague el interruptor principal y espere al menos 30 minutos antes de proceder con la sustitución.
•Per la sostituzione del gruppo fusore, spegnere la macchina e aspettare almeno 30 minuti prima di procedere con la sostituzione.

•When replacing the Fusing Unit, turn the main power switch off and wait at least 30 minutes before proceeding with the replacement.
•Wenn Sie die Fixiereinheit austauschen, schalten Sie den Hauptschalter aus und warten Sie mindestens 30 Minuten, bevor Sie mit dem Austausch fortfahren.
•Mettre l'appareil hors tension et attendre au moins 30 minutes avant de remplacer l'unité de fusion.

When replacing the Fusing Unit, turn the main power switch off and wait at least 30 minutes before proceeding with the replacement.

③



Be careful not to trap your fingers when opening or closing the top cover.

④



Do not incinerate used toner or toner containers. Toner dust might ignite when exposed to an open flame. Dispose of used toner containers in according with local regulations.

Keep toner (used or unused) and toner containers out of reach of children.

⑤



The machine weighs approximately 28 kg (61.7 lb.). When moving the machine, use the inset grips on both sides, and lift slowly in pairs.

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

During Monochrome Printing (Main Unit Only)	65 dB (A) or less
During Color Printing (Main Unit Only)	66 dB (A) or less
Standby (Main Unit Only)	40 dB (A) or less
During Printing (Complete System)	70 dB (A) or less

❖ Sound Pressure Level ^{*2}

During Monochrome Printing (Main Unit Only)	59 dB (A) or less
During Color Printing (Main Unit Only)	60 dB (A) or less
Standby (Main Unit Only)	34 dB (A) or less
During Printing (Complete System)	64 dB (A) less

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

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

ENERGY STAR Program

Important

❑ The SP C311N model printer is not compliant with ENERGY STAR Program.

ENERGY STAR® Program Requirements for Imaging Equipment



The ENERGY STAR® Program Requirements for Imaging Equipment encourage 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 15 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	15 W or less
	Default Interval	15 minutes
	Recovery Time	30 seconds or less

❖ Recycled Paper

We recommend use of recycled paper which is environment friendly. Please contact your sales representative for recommended paper.

Others

Symbols

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

- **I** :POWER ON.
- **O** :POWER OFF.

MEMO

MEMO

❖ **Manufacturer**

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❖ **Authorized Representative**

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