

SP 3400N/SP 3410DN

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.



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.



Caution

For good print quality, the supplier recommends that you use genuine toner from the supplier.

The supplier shall not be responsible for any damage or expense that might result from the use of parts other than genuine parts from the supplier with your office products.

Notes

The model names of the machines do not appear in the following pages. Check the type of your machine before reading this manual. (For details, see "Printer Types", **Hardware Guide** in the CD-ROM.)

Model type	Model name	Duplex Printing
Type 1	SP 3400N	Manual
Type 2	SP 3410DN	Automatic

Certain types might not be available in some countries.

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

Power Source

120 V, 50/60 Hz, 10 A or more

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

Laws and Regulations

Legal Prohibition

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.

Laser Safety

This equipment complies with requirements of 21 CFR subchapter J for class 1 laser products.

This equipment contains one AlGaInP laser diode, with 9 milliwatt, 648 - 663 nanometer wavelength.

This equipment does not emit hazardous light, since the beam is totally enclosed during all customer modes of operation and maintenance.

Caution:

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

Safety Information

When using your machine, 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 $L_{WA0} > 65.8$ 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.
- To avoid possible build-up ozone, make sure to 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.*
- *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.*
- *Touching the prongs of the power cable's plug with anything metallic constitutes a fire and electric shock hazard.*
- *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.*
- *Be sure to disconnect the plug from the wall outlet and clean the prongs and the area around the prongs at least once a year. Allowing dust to build up on the plug constitutes a fire hazard.*

Handling the Machine

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.*
- *The machine weighs approximately 12 kg (26.4 lb.). When moving the machine, use the inset grips on both sides, and lift slowly. The machine will break or cause injury if dropped.*
- *When moving the machine after use, do not take out the print cartridge to prevent toner spill inside 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.*

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.***

CAUTION:

- *The inside of this machine becomes very hot. Do not touch parts labelled “” (indicating a hot surface).*
- *The fusing section of this machine might be very hot. Caution should be taken when removing misfed paper.*
- *Lifting the paper feed unit carelessly or dropping it may cause injury.*
- *Do not pull out the paper tray forcefully. If you do, the tray might fall and cause an injury.*

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.***
- ***Keep the polythene materials (bags, gloves, etc.) supplied with this machine away from babies and small children at all times. Suffocation can result if polythene materials are brought into contact with the mouth or nose.***

CAUTION:

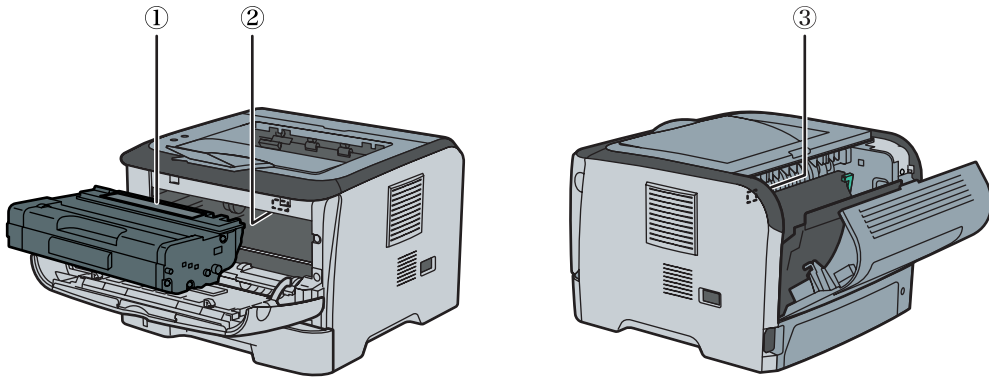
- *Keep toner (used or unused) and toner containers out of reach of children.*
- *If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.*
- *If toner or used toner gets into your eyes, flush immediately with large amounts of 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.*

Safety Labels of This Machine

This section explains the machine's safety information labels.

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.



BXG001

①



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

②



Do not touch the parts a label indicates.
The inside of the machine could be very hot.

③



Do not touch the parts a label indicates.
The inside of the machine could be very hot.

Power Switch Symbols

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

- | :POWER ON.
- ○ :POWER OFF.

Environmental Features (Type 1 Model)

This machine is equipped with the following Energy Saver modes: Energy Saver mode 1 and Energy Saver mode 2. The machine recovers from Energy Saver mode when it receives a print job, or when the **[Stop/Start]** key is pressed.

❖ Energy Saver mode 1

This machine automatically enters Energy Saver mode 1 about 30 seconds after the last operation is completed.

❖ Energy Saver mode 2

This machine automatically enters Energy Saver mode 2 1 minute after the last operation is completed.

❖ Specifications

Energy Saver mode 1	Power Consumption	70 W or less
	Default Time	Off
	Recovery Time	10 seconds or less
Energy Saver mode 2	Power Consumption	5 W or less
	Default Time	1 minute
	Recovery Time	20 seconds or less

Note

- For details about how to configure Energy Saver mode, see “Using Smart Organizing Monitor”, **Software Guide** in the CD-ROM.

Reference

“Using Smart Organizing Monitor”, **Software Guide** in the CD-ROM

❖ Recycled Paper

We recommend you to use environmentally friendly recycled paper. Please contact your sales representative for recommended paper.

Environmental Features (Type 2 Model)

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.

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	Default Time	1 minute
	Recovery Time	20 seconds or less

 **Note**

- ❑ For details about how to configure Energy Saver mode, see “Using Smart Organizing Monitor”, **Software Guide** in the CD-ROM.

 **Reference**

“Using Smart Organizing Monitor”, **Software Guide** in the CD-ROM

❖ **Recycled Paper**

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Notice

Note to users in the United States of America

Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio /TV technician for help.

Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note to users in Canada

Note

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

Remarque concernant les utilisateurs au Canada

Avertissement

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

- Properly shielded cables must be used for connections to host computer (and/or peripheral) in order to meet FCC emission limits.