

Safety Information

SG 3110DN/SG 3110DNw/SG 7100DN



Read this manual carefully before you use this product and keep it handy for future reference. For safe and correct use, please be sure to read this sheet before using the machine.

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.

How to Read the Manuals

Disclaimer

Contents of this manual are subject to change without prior notice. To the maximum extent permitted by applicable laws, in no event will the manufacturer be liable for any damages whatsoever arising out of failures of this machine, losses of the registered data, or the use of this product and operation manuals provided with it. Make sure that you always copy or have backups of the data registered in this machine. Documents or data might be erased due to your operational errors or malfunctions of the machine. In no event will the manufacturer be responsible for any documents created by you using this machine or any results from the data executed by you.

Notes

The manufacturer shall not be responsible for any damage or expense that might result from the use of parts other than genuine parts from the manufacturer with your office products. For good output quality, the manufacturer recommends that you use genuine ink from the manufacturer. 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.

Power Source

- SG 3110DN: 100-120 V: 60 Hz 1.0 A
 - SG 3110DNw: 100-120 V: 60 Hz 1.0 A
 - SG 7100DN: 100-120 V: 60 Hz 1.2 A
- Voltage must not fluctuate more than 10%. Please be sure to connect the power cable to a power source as above. Confirm that the wall outlet is near the machine and freely accessible, so that in event of an emergency, it can be unplugged easily.

1. Safety Information

This chapter describes the safety precautions.

Safety During Operation

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.

Safety Precautions to Be Followed

Environments Where the Machine Can be Used

WARNING

- Do not use flammable sprays or solvents in the vicinity of this machine. Doing so could result in fire or electric shock.

- Do not place vases, plant pots, cups, toiletries, medicines, small metal objects, or containers holding water or any other liquids, on or close to this machine. Fire or electric shock could result from spillage or if such objects or substances fall inside this machine.

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.
- Do not place heavy objects on the machine. Doing so can cause the machine to topple over, possibly resulting in injury.
- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.
- 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.

Handling power cords and power plugs

WARNING

- Do not use any power sources other than those that match the specifications shown in this manual. Doing so could result in fire or electric shock.
- Do not use any frequencies other than those that match the specifications shown. Doing so could result in fire or electric shock.
- Do not use multi-socket adaptors. Doing so could result in fire or electric shock.
- Do not use extension cords. Doing so could result in fire or electric shock.
- Do not use power cords that are damaged, broken, or modified. Also, do not use power cords that have been trapped under heavy objects, pulled hard, or bent severely. Doing so could result in fire or electric shock.
- It is dangerous to handle the power cord plug with wet hands. Doing so could result in electric shock.
- Touching the prongs of the power cable's plug with anything metallic constitutes a fire and electric shock hazard.

- The supplied power cord is for use with this machine only. Do not use it with other appliances. Doing so could result in fire or electric shock.

- If the power cord is damaged and its inner wires are exposed or broken, contact your service representative for a replacement. Use of damaged power cords could result in fire or electric shock.

- Be sure to disconnect the plug from the wall outlet at least once a year.
 - There are burn marks on the plug.
 - The prongs on the plug are deformed.
- If any of the above conditions exist, do not use the plug and consult your dealer or service representative. Use of the plug could result in fire or electric shock.

- Be sure to disconnect the power cord from the wall outlet at least once a year.
 - The power cord's inner wires are exposed, broken, etc.
 - The power cord's coating has a crack or dent.
 - When bending the power cord, the power turns off and on.
 - Part of the power cord becomes hot.
 - The power cord is damaged.
- If any of the above conditions exist, do not use the power cord and consult your dealer or service representative. Use of the power cord could result in fire or electric shock.

CAUTION

- When disconnecting the power cord from the wall outlet, always pull the plug, not the cord. Pulling the cord can damage the power cord. Use of damaged power cords could result in fire or electric shock.
- Be sure to push the plug of the power cord fully into the wall outlet. Partially inserted plugs create an unstable connection that can result in unsafe buildup of heat.
- 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.
- If this machine is not going to be used for several days or longer at a time, disconnect its power cord from the wall outlet.
- When performing maintenance on the machine, always disconnect the power cord from the wall outlet.

Important

Rating voltage of the connector for option: Max. DC 37 V.

Handling the main machine

WARNING

- The following explains the warning messages on the plastic bag used in this product's packaging.
- Keep the polythene materials (bags, 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.
- Be sure to locate the machine as close as possible to a wall outlet. This will allow easy disconnection of the power cord in the event of an emergency.
- If the machine emits smoke or odours, or if it behaves unusually, you must turn off its power immediately. After turning off the power, be sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use the machine. Doing so could result in fire or electric shock.
- If metal objects, or water or other fluids fall inside this machine, you must turn off its power immediately. After turning off the power, be sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use the machine. Doing so could result in fire or electric shock.
- Do not touch this machine if a lightning strike occurs in the immediate vicinity. Doing so could result in electric shock.

CAUTION

- SG 7100DN weighs around 15 kg (33 lb).
- Grip the center area at the base of the machine's sides. Lift it slowly and do not strain your body.
- When moving the machine, remove the option. Careless handling and over exertion when lifting can result in breakage and/or injury.
- Unplug the power cord from the wall outlet before you move the machine. While moving the machine, take care that the power cord is not damaged under the machine. Failing to take these precautions could result in fire or electric shock.

Handling the machine's interior

WARNING

- Do not remove any covers or screws other than those explicitly mentioned in this manual. Inside this machine are high voltage components that are an electric shock hazard. Contact your sales or service representative if any of the machine's internal components require maintenance, adjustment, or repair.
- Do not attempt to disassemble or modify this machine. Doing so risks burns and electric shock.



⚠ CAUTION

- When loading paper, take care not to trap or injure your fingers.

- When removing jammed paper, make sure not to trap or injure your fingers.

Handling the machine's supplies

⚠ WARNING

- The following explains the warning messages on the plastic bag used in this product's packaging.
- 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 ink and ink containers out of reach of children.

- When replacing ink collector unit, avoid getting ink on your clothing. If ink comes into contact with your clothing, wash the stained area with cold water. Hot water will set the ink into the fabric and make removing the stain impossible.

- If ink gets into contact with eyes, wash eyes immediately with running water. Consult a doctor if necessary.

- If ink is ingested, induce vomiting by drinking a strong saline solution. Consult a doctor immediately.

- When removing jammed paper or replacing ink, avoid getting ink on your clothing. If ink comes into contact with your clothing, wash the stained area with cold water. Hot water will set the ink into the fabric and make removing the stain impossible.

- When removing jammed paper or replacing ink, avoid getting ink on your skin. If ink comes into contact with your skin, wash the affected area thoroughly with soap and water.

- When removing the print cartridge, avoid putting your hand near the place where the print cartridge is installed. If ink comes in contact with your hands, wash them thoroughly with soap and water.

Power Switch Symbols

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

-  :STANDBY.

2. Information for This Machine

This chapter describes laws and regulations related to this machine.

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.

Notes to users in USA and CANADA

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Remarques a l'attention des utilisateurs canadiens

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles des radioélectriques (RF) de la FCC lignes directrices d'exposition dans le Supplément C à OET65 et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).

Notes to USA Users of FCC Requirements

Part 15 of the FCC Rules

Declaration of Conformity

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible party: Ricoh Americas Corporation

Address: 5 Dedrick Place, West Caldwell, NJ 07006

Telephone number: 973-882-2000

Product Name: Printer

Model Number: SG 3110DN/Aficio SG 3110DN, SG 3110DNw/Aficio SG 3110DNw, SG 7100DN/Aficio SG 7100DN

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 interfer-

ence 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.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Notes to Canadian Users of IC Rules

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Remarques a l'attention des utilisateurs canadiens

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Note to users in Canada

Note:

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

Note:

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Remarque concernant les utilisateurs au Canada

Avertissement:

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

Avertissement:

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

ENERGY STAR Program

ENERGY STAR® Program Requirements for Imaging Equipment



ENERGY STAR

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 multifunction devices. Energy Star standards and logos are internationally uniform.

The following Energy Saver mode is available on this machine. The machine recovers from Energy Saver mode when it receives a print job, or when any key is pressed.

Energy Saver mode

This machine automatically enters Energy Saver mode 5 minutes after the last operation is completed. For more information about how to configure Energy Saver mode, see "Using the [System] Menu", User Guide as a HTML file on the CD-ROM.

Specifications

Energy Saver mode	Power Consumption	SG 3110DN: 0.73 W SG 3110DNw: 2.5 W SG 7100DN: 1.1 W
	Default Interval	5 minutes
	Recovery Time	2 seconds or less

Note

- Even if its main power switch is turned to OFF, this machine will consume low levels of electricity. To stop this machine consuming electricity, disconnect the power cord from the wall outlet.
- Recovery time and power consumption may differ depending on the conditions and environment of the machine.

Notes on lamp(s) inside this machine

LAMP(S) INSIDE THIS PRODUCT CONTAIN MERCURY AND MUST BE RECYCLED OR DISPOSED OF ACCORDING TO LOCAL, STATE OR FEDERAL LAWS.

Notes to users in the state of California

Perchlorate Material - special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate

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