

Product Safety Guide

(HL-5450DN / 5470DW / MFC-8510DN / 8910DW)

Please read this guide before attempting to operate the product, or before attempting any maintenance. Failure to follow these instructions may result in an increased risk of personal injury or damage to property, including through fire, electrical shock, burns or suffocation. Brother shall not be liable for damage caused where the product owner has failed to follow the instructions set out in this guide.

Read all of the instructions. Save them for later reference.

Symbols and conventions used in the documentation

The following symbols and conventions are used throughout the documentation.

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injuries.

CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injuries.

Important

Important indicates a potentially hazardous situation which, if not avoided, may result in damage to property or loss of product functionality.



Prohibition icons indicate actions that must not be performed.



Electrical Hazard icons alert you to possible electrical shock.



Fire Hazard icons alert you to the possibility of fire.



Hot Surface icons warn you not to touch product parts that are hot.



Notes tell you how you should respond to a situation that may arise or give tips about how the operation works with other features.

Bold

Bold typeface identifies specific keys on the product's control panel or on the computer screen.

Italics

Italicized typeface emphasizes an important point or refers you to a related topic.

Courier New

Text in Courier New font identifies messages on the LCD of the product.

Follow all warnings and instructions marked on the product.



Note

- Not all models are available in all countries.
- The illustrations in this guide show the HL-5470DW and MFC-8510DN.

Compilation and Publication

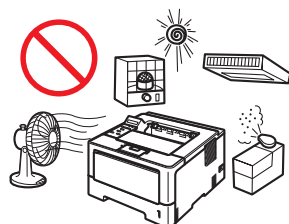
Under the supervision of Brother Industries, Ltd., this manual has been compiled and published, covering the latest product descriptions and specifications.

The contents of this manual and the specifications of this product are subject to change without notice.

Brother reserves the right to make changes without notice in the specifications and materials contained herein and shall not be responsible for any damages (including consequential) caused by reliance on the materials presented, including but not limited to typographical and other errors relating to the publication.

Choosing a location

Put your product on a flat, level, stable surface that is free of vibration and shocks, such as a desk. Put the product near a telephone wall jack (MFC only) and a standard grounded AC power outlet. Choose a location where the temperature remains between 10°C and 32.5°C and the humidity is between 20% to 80% (without condensation).



WARNING



DO NOT expose the product to direct sunlight, excessive heat, open flames, corrosive gasses, moisture or dust. Doing so may create a risk of an electrical shock, electrical short or fire. It may also damage the product and/or render it inoperable.



DO NOT place the product near heaters, air conditioners, electrical fans, refrigerators, or water. Doing so may create the risk of a short circuit or fire, as water may come into contact with the product (including condensation caused by heating/air conditioning/ventilation equipment).



DO NOT place the product near chemicals or in a place where chemicals could be spilled on it. Should chemicals come into contact with the product, there may be a risk of fire or electric shock. In particular, organic solvents or liquids such as benzene, paint thinner, polish remover, or deodorizer may melt or dissolve the plastic cover and/or cables, resulting in a risk of fire or electric shock. These or other chemicals may also cause the product to malfunction or become discolored.



DO NOT put the product in a location that blocks or obstructs any slot or opening in the product. These slots and openings are provided for ventilation. Blocking the product's ventilation could create a risk of overheating and/or fire.

Instead:

- Keep a gap of at least 150 mm between the ventilation hole and the wall.
 - Place the product on a solid surface. DO NOT place the product on a bed, sofa, rug, or other similar soft surface.
 - DO NOT place this product near or over a radiator or heater.
 - DO NOT place this product in a “built-in” installation unless adequate ventilation is provided.
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DO install your product near an AC power outlet that is easily accessible. In the event of an emergency, easy access to the plug and outlet will allow you to shut off power to the product quickly and completely.

Plastic bags are used in the packing of your machine. Plastic bags are not toys. To avoid the danger of suffocation, keep these bags away from babies and children and dispose of them correctly.

CAUTION

Avoid placing your product in a high-traffic area. If you must place it in a high-traffic area, ensure that the product is in a safe location where it cannot be accidentally knocked-over, which could cause injury to you or others and serious damage to the product. Also ensure that cords are secured so as not to pose a tripping hazard.

DO NOT eat the silica gel pack. Please throw away. If ingested seek medical attention immediately.

DO NOT place heavy objects on the product. DO NOT place this product on an unstable cart, stand, or table, particularly if children are expected to be near the product. The product is heavy and may fall, causing injury to you or others, and serious damage to the product. For MFC products, there is an added risk of injury if the scanner glass should break.

Important

- DO NOT put objects on top of the product. Doing so could increase the risk of overheating should the product malfunction.
 - DO NOT place your product next to devices that contain magnets or generate magnetic fields. Doing so may interfere with the operation of the product, causing print quality problems.
 - DO NOT place your product next to sources of interference, such as speakers or the base units of non Brother cordless telephones. Doing so may interfere with the operation of the product's electronic components.
 - DO NOT connect your product to an AC power outlet controlled by wall switches or automatic timers. Disruption of power can delete information from the product's memory.
 - DO NOT connect your product to an AC power outlet on the same circuit as large appliances or other equipment that requires a significant amount of electricity to operate. Operating this product in conjunction with the other product(s) could create an overvoltage, tripping your circuit breaker or blowing your fuse.
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To use the product safely

Please keep these instructions for later reference and read them before attempting any maintenance. If you do not follow these safety instructions, there is a possibility of a fire, electrical shock, burn or suffocation.

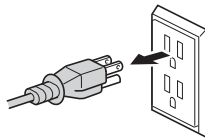
WARNING

ELECTRICAL HAZARDS

Failure to follow the warnings in this section may create the risk of an electrical shock. In addition, you could create an electrical short, which may create the risk of a fire.



There are high voltage electrodes inside the product. Before you access the inside of the product, including for routine maintenance such as cleaning, make sure you have unplugged the telephone line cord first (MFC only) and then the power cord from the AC power outlet, as well as any telephone (RJ-11) (MFC only) or Ethernet (RJ-45) cables (Network models only) from the product. Never push objects of any kind into this product through cabinet slots, since they may touch dangerous voltage points or short out parts.



DO NOT handle the plug with wet hands.



Always make sure the plug is fully inserted. DO NOT use the product or handle the cord if the cord has become worn or frayed.



DO NOT use this product during an electrical storm.



DO NOT allow this product to come into contact with water. This product should not be used around standing water, including a bath tub, sink, or swimming pool; around appliances containing water, including a refrigerator; or in a wet basement.



This product should be connected to an AC power source within the range indicated on the rating label. DO NOT connect it to a DC power source or inverter. If you are not sure what kind of power source you have, contact a qualified electrician.



Power Cord Safety:

- This product is equipped with a 3-wire grounded plug. This plug will only fit into a grounded power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, call your electrician to replace your obsolete outlet. DO NOT defeat the purpose of the grounded plug.
 - Use only the power cord supplied with this product.
 - DO NOT allow anything to rest on the power cord. DO NOT place this product where people can walk on the cord. DO NOT place this product in a position where the cord is stretched or strain is otherwise put on the cord. Doing so may cause the cord to become worn or frayed.
 - Brother strongly recommends that you DO NOT use any type of extension cord.
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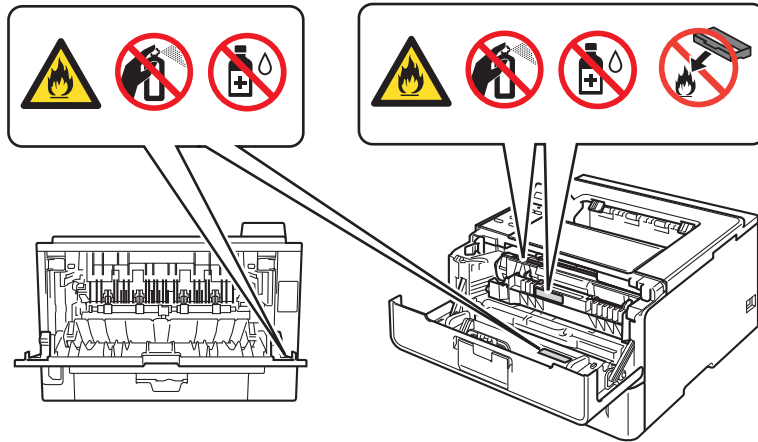
(MFC only)

Use caution when installing or modifying telephone lines. Never touch telephone wires or terminals that are not insulated unless the telephone line has been unplugged at the wall jack.

Never install telephone wiring during a lightning storm. Never install a telephone wall jack in a wet location.



- DO NOT put a toner cartridge or a toner cartridge and drum unit assembly into a fire. It could explode, resulting in injuries.
- DO NOT use flammable substances, any type of spray, or an organic solvent/liquid containing alcohol or ammonia to clean the inside or outside of the product. Doing so could cause a fire or electrical shock. Instead, use only a dry, lint-free cloth. For instructions on how to clean the product: >> User's Guide/Basic User's Guide: *Routine Maintenance*.



DO NOT attempt to operate this product with a paper jam or with stray pieces of paper inside the product. Prolonged contact of the paper with the drum unit could cause a fire.



DO NOT use a vacuum cleaner to clean up scattered toner. Doing this might cause the toner dust to ignite inside the vacuum cleaner, potentially starting a fire. Please carefully clean the toner dust with a dry, lint-free soft cloth and dispose of it according to local regulations.

DO NOT inhale the toner powder. If toner powder is inhaled, please follow these steps immediately:

- Move to an area with plenty of fresh air.
- Gargle and rinse your mouth out with plenty of water.
- If you develop a cough or any other symptoms soon after inhaling the toner, consult your doctor immediately.

If toner powder is swallowed, rinse your mouth immediately and drink plenty of fresh water to dilute the toner. Then consult your doctor immediately thereafter. For more safety information regarding the toners used in your product, please visit the following web address to read the Safety Data Sheets <http://sds.brother.co.jp/sdsapp/index.html>, which include important information about the chemical composition of the toners and the precautions to take in case of overexposure to toner.

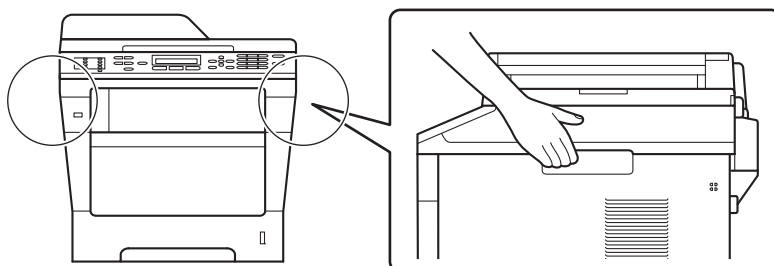
HOT SURFACE

After you have just used the product, some internal parts of the product will be extremely hot. Wait at least 10 minutes for the product to cool down before you touch the internal parts of the product.



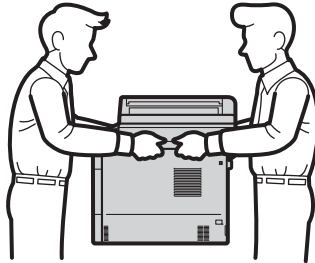
(MFC only)

When moving the product, grasp the side handholds firmly from the front of the product. The side handholds are located under the scanner. DO NOT carry the product by holding it at the bottom.



(MFC-8910DW only)

This product is heavy and weighs more than 18.0 kg including paper. To prevent possible injuries at least two people should lift the product by holding it from the front and back.

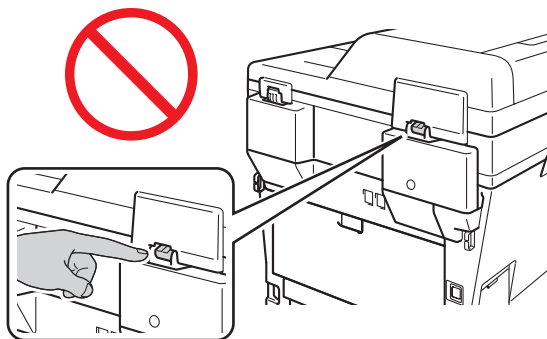


If you use a Lower Tray, DO NOT carry the product with the Lower Tray as you may be injured or cause damage to the product because it is not attached to the Lower Tray.

CAUTION

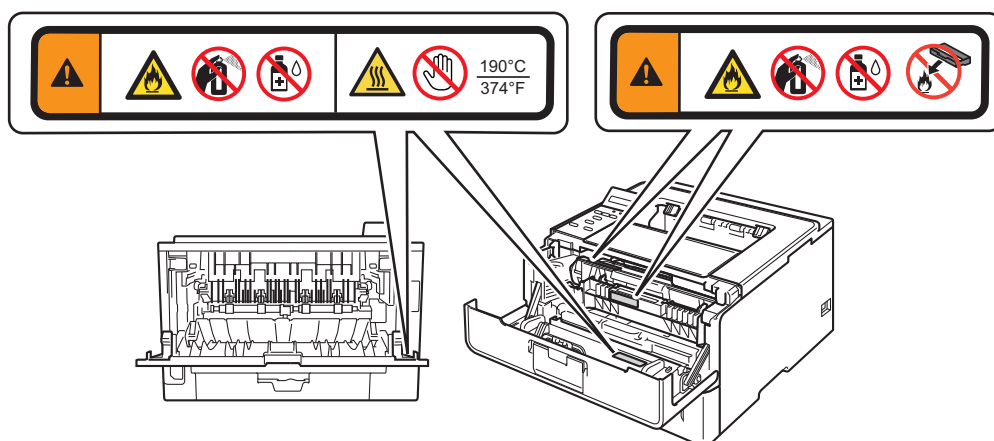
(MFC only)

To prevent injuries, be careful not to put your fingers in the areas shown in the illustrations.



! Important

DO NOT remove or damage any of the caution or warning labels inside the product.



Note

Lightning and power surges can damage this product. We recommend that you use a quality surge protection device on the AC power line and any telephone (RJ-11) (MFC only) or Ethernet (RJ-45) cable (Network models only) plugged into the product.

Important safety instructions

- 1 Read all of these instructions.
- 2 Save them for later reference.
- 3 Follow all warnings and instructions marked on the product.
- 4 DO NOT place anything in front of the product that will block received faxes (MFC only) or printed pages. DO NOT place anything in the path of received faxes (MFC only) or printed pages.
- 5 Wait until pages have exited the product before picking them up.
- 6 DO NOT attempt to service this product yourself because opening or removing covers may expose you to dangerous voltage points and other risks and may void your warranty. Refer all servicing to a Brother Authorized Service Center.

For the location of your nearest Brother Authorized Service Center, please call:

Toll Free Number: 0800600211

Service Hour: 9am ~ 6pm

- 7 Unplug this product from the AC power outlet and refer all servicing to Brother Authorized Service Personnel under the following conditions:
 - When the power cord is damaged or frayed. (DO NOT touch the damaged/frayed part while unplugging your product.)
 - If liquid has been spilled into the product.
 - If the product has been exposed to rain or water.
 - If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - If the product has been dropped or the casing has been damaged.
 - If the product exhibits a distinct change in performance, indicating a need for service.
- 8 Please place the machine in a clean area to prevent insects or foreign objects from damaging the machine or causing danger.

Regulation

WARNING



(MFC only)

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electrical shock and injury to people, including the following:

- 1 DO NOT use this product near water, for example, near a bath tub, wash bowl, kitchen sink or washing machine, in a wet basement or near a swimming pool.
- 2 Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.
- 3 DO NOT use this product to report a gas leak in the vicinity of the leak.
- 4 Use only the power cord provided with the product.

SAVE THESE INSTRUCTIONS



(MFC only)

To reduce the risk of shock or fire, use only a No. 26 AWG or larger telecommunication line cord.



Disconnect device

This product must be installed near an AC power outlet that is easily accessible. In case of emergencies, you must disconnect the power cord from the AC power outlet to shut off power completely.

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

Internal laser radiation

Max. Radiation Power: 15 mW

Wave Length: 775 - 810 nm

Laser Class: Class 3B

LAN connection (Network models only)

⚠ CAUTION

DO NOT connect this product to a LAN connection that is subject to over-voltages.

International ENERGY STAR® Qualification Statement

The purpose of the International ENERGY STAR® Program is to promote the development and popularization of energy-efficient office equipment.

As an ENERGY STAR® Partner, Brother Industries, Ltd. has determined that this product meets the ENERGY STAR® specifications for energy efficiency.



For WLAN models

Unless granted permission by Taiwan DGT, any company, enterprise or user is not allowed to change the frequency, enhance the transmitting power or alter the original design characteristics or operating functions of an approved low-power radio frequency device.

Low-power radio frequency devices shall not influence aircraft security or interfere with legal communications. If such interference occurs, the low-power radio frequency device must immediately cease operations and may not be resumed until the interference problem has been resolved. The above-mentioned "legal communications" is defined as radio communication operations that conform to the Telecommunications Act. Low-power radio-frequency devices must accept any interference received from legal communications, and Industrial, Scientific and Medical (ISM) radio wave devices.

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U.S.Patent Office 5,860,082/6,260,156

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- Passports
- Postage stamps (canceled or uncanceled)
- Immigration papers
- Welfare documents
- Checks or drafts drawn by governmental agencies
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