

# Safety and Legal

(HL-2220 / HL-2240D / DCP-7060D / MFC-7360 / MFC-7460DN / MFC-7860DW)

Please read this booklet 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.

## Symbols and conventions used in the documentation

The following symbols and conventions are used throughout the documentation.

- Bold** Bold typeface identifies specific keys on the product's control panel, on the computer screen.
- Italics* Italicized typeface emphasizes an important point or refers you to a related topic.
- [XXXXX] Texts in brackets identifies messages on the LCD of the machine.



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



Electrical Hazard icons alert you to possible electrical shock.



Improper Setup icons alert you to devices and operations that are not compatible with the product.



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

Follow all warnings and instructions marked on the product.



### Note

The illustrations in this guide show the HL-2240D and MFC-7860DW.

## 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.

# Compilation and Publication

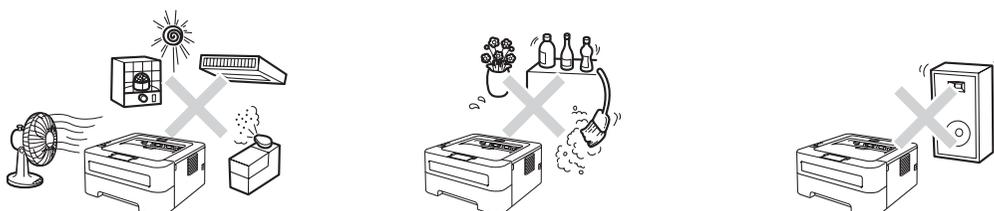
Under the supervision of Brother Industries, Ltd., this manual has been compiled and published, covering the latest product descriptions and specifications.

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 and a standard grounded AC power outlet. Choose a location where the temperature remains between 50°F and 90.5°F (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 short or fire. It may also damage the product and/or render it inoperable.

---

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

---

DO NOT place the product near chemicals. Should the chemicals come into contact with the product, there may be a risk of fire. The chemicals may also cause the product to malfunction or become discolored.

---

DO NOT put the product in a location where any slot or opening in the product is obstructed or blocked. 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 roughly 100 mm between the ventilation hole and the wall.
  - Place the product on a solid surface, never 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.
- 

DO NOT put objects on top of the product. Doing so could increase the risk of overheating and/or fire should the product malfunction.

---

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 product and drum unit. Plastic bags are not toys. To avoid the danger of suffocation, keep these bags away from babies and children and dispose of them properly.

---



(MFC only)

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

---

(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.

## 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 and serious damage to the product. Also ensure that cords are secured so as not to pose a tripping hazard. DO NOT place this product on an unstable cart, stand, or table. The product is heavy and may fall, causing injury to you, and serious damage to the product.

---

DO NOT eat the Silica Pack. Please discard. If ingested seek medical attention immediately.

---

## **!** IMPORTANT

- 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.

# 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.

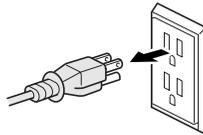
## WARNING

### ELECTRICAL HAZARDS

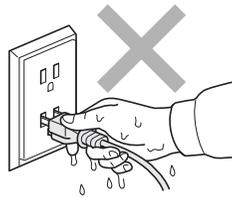
*Failure to follow the warnings in this section may create the risk of an electrical shock. In addition, you could create an electrical short, which may create the risk of a fire.*



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) or Ethernet (RJ-45) cables (network model 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 bathtub, 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.

---

Always disconnect all cables from the wall outlet before servicing, modifying or installing the equipment.

---

**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 fray.
  - If an extension cord is used with this product, make sure that the total ampere ratings on the products plugged into the extension cord. DO NOT exceed the extension cord ampere rating. Also, make sure that the total of all products plugged into the AC power outlet does not exceed 15 amperes.
  - The power cord, including extensions, should be no longer than 5 meters.
-

## FIRE HAZARDS

DO NOT use flammable substances, any type of spray, or an organic solvent/liquid that containing alcohol or ammonia to clean the inside or outside of the product. Doing so could cause a fire. Instead, use only a dry, lint-free cloth. See *Routine Maintenance* in the *User's Guide/Advanced User's Guide* for more information on how to clean the product.



---

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 use this product in the vicinity of a gas leak or combustible dust.

---

(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:

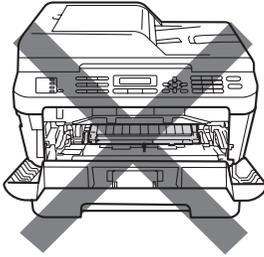
- 1 DO NOT use this product near water, for example, near a bath tub, wash bowl, kitchen sink or washing product, in a wet basement or near a swimming pool.
- 2 Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.
- 3 DO NOT use this product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

SAVE THESE INSTRUCTIONS

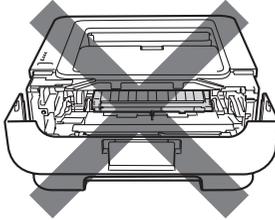
---

 **HOT SURFACE**

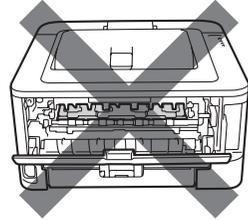
After you have just used the product, some internal parts will be extremely hot. To prevent injury, DO NOT touch the shaded parts shown in the illustration, when you open the front or back cover (back output tray).



Inside the product  
(Front View)



Inside the product  
(Front View)



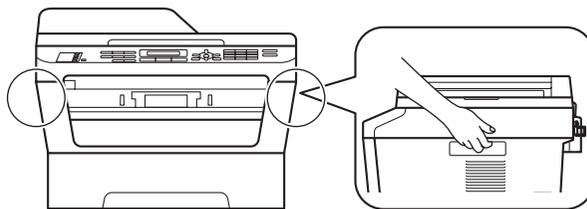
Inside the product  
(Back View)

---

 **CAUTION**

(MFC and DCP only)

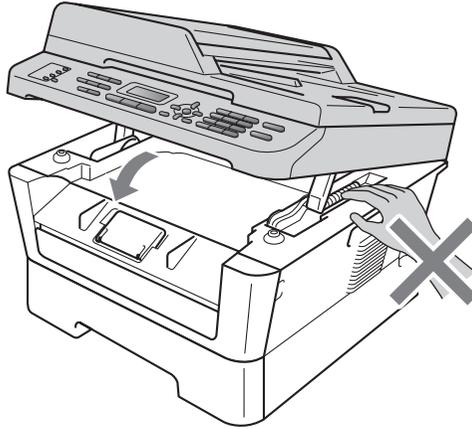
When you move the machine, grasp the side handholds that are under the scanner. DO NOT carry the machine by holding it at the bottom.



---

(MFC and DCP only)

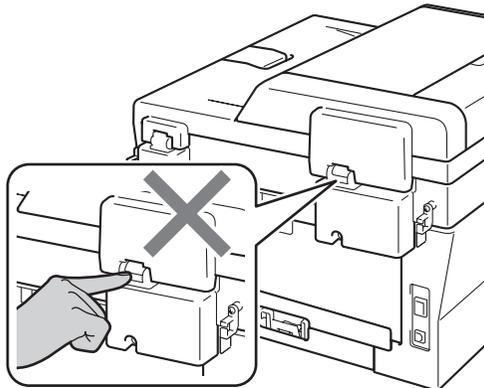
DO NOT put your hands on the edge of the product under the scanner as shown in the illustrations. Doing this may cause injury to your fingers by pinching them.



---

(MFC and DCP only)

DO NOT put your fingers in the areas shown in the illustrations. Doing this may cause injury to your fingers by pinching them.



## ! IMPORTANT

DO NOT remove or damage the caution labels located on or in the product.



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) or Ethernet (RJ-45) cable (network model only) plugged into the product, or that you unplug the cords during a lightning storm.

# Important safety instructions

- 1 Read all of these instructions.
- 2 Save these instructions for later reference.
- 3 Follow all warnings and instructions marked on the product.
- 4 Be careful not to inhale toner.
- 5 DO NOT place anything in front of the product that will block printed pages or received faxes. DO NOT place anything in the path of printed pages or received faxes.
- 6 Wait until pages have exited the product before picking them up.
- 7 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

- 8 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 cabinet has been damaged.
  - If the product exhibits a distinct change in performance, indicating a need for service.

# Regulation

## 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.

## 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

---

Without permission granted by the DGT, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristic as well as performance to a approved low power radio-frequency devices.

The low power radio-frequency devices shall not influence aircraft security and interfere legal communications; If found, the user shall cease operation immediately until no interference is achieved.

The said legal communications means radio communications is operated in compliance with the Telecommunications Act.

The low power radio-frequency devices must be susceptible with the interference from legal communications or ISM radio wave radiated devices.

# Trademarks

The Brother logo is a registered trademark of Brother Industries, Ltd.

Brother is a registered trademark of Brother Industries, Ltd.

Microsoft, Windows, Windows Server, Outlook and Internet Explorer are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Windows Vista is either a registered trademark or a trademark of Microsoft Corporation in the United States and other countries.

Apple, Macintosh, Safari and TrueType are trademarks of Apple Inc., registered in the United States and other countries.

Mac and the Mac logo are trademarks of Apple Inc., registered in the U.S. and other countries.

Linux is the registered trademark of Linus Torvalds in the U.S. and other countries.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Intel, Intel Core and Pentium are trademarks of Intel Corporation in the U.S. and other countries.

AMD is a trademark of Advanced Micro Devices, Inc.

PowerPC is a registered trademark of IBM in the United States and/or other countries.

Adobe, Flash, Illustrator, PageMaker, Photoshop, PostScript and PostScript 3 are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.

Corel and CorelDRAW are trademarks or registered trademarks of Corel Corporation and/or its subsidiaries in Canada, the United States and/or other countries.

Wi-Fi and Wi-Fi Alliance are registered trademarks of the Wi-Fi Alliance.

AOSS is a trademark of Buffalo Inc.

Nuance, the Nuance logo, PaperPort and ScanSoft are trademarks or registered trademarks of Nuance Communications, Inc. or its affiliates in the United States and/or other countries.

**Each company whose software titles is mentioned in this manual has a Software License Agreement specific to its proprietary programs.**

**Any trade names and product names of companies appearing on Brother products, related documents and any other materials are all trademarks or registered trademarks of those respective companies.**

# Open Source Licensing Remarks

This product includes open-source software.

Please see Open Source Licensing Remarks and Copyright information on the supplied CD-ROM.

(For Windows®) “X:\License.txt” (where X is your drive letter).

(For Macintosh) Double-click the CD-ROM icon on your desktop. Then double-click the **Utilities** icon. License.rtf will appear.

## Copyright and License

©2010 Brother Industries, Ltd.

This product includes software developed by the following vendors:

©1983-1998 PACIFIC SOFTWARES, INC.

©2010 Devicescape Software, Inc.

This product includes the “KASAGO TCP/IP” software developed by ZUKEN ELMIC, Inc.

## Other Information (MFC-7860DW)

FlashFX® is a registered trademark of Datalight, Inc.

FlashFX® Copyright 1998-2010 Datalight, Inc.

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

FlashFX® Pro™ is a trademark of Datalight, Inc.

Reliance™ is a trademark of Datalight, Inc.

Datalight® is a registered trademark of Datalight, Inc.

Copyright 1989-2010 Datalight, Inc., All Rights Reserved

## Legal limitations for copying (MFC and DCP only)

Color reproductions of certain documents are illegal and may result in either criminal or civil liability. The listing below is intended to be a guide rather than a complete listing of every possible prohibition. In case of doubt, we suggest that you consult with the appropriate authority or advisor with regard to the specific document. The following documents issued by the United States/ Canadian Government or any of its Agencies, States, Territories or Provincences may not be copied:

- Money
- Bonds or other certificates of indebtedness
- Certificates of Deposit
- Internal Revenue Stamps (canceled or uncanceled)
- Selective Service or draft papers
- Passports
- United States/Canadian Postage Stamps (canceled or uncanceled)
- Food Stamps
- Immigration Papers
- Checks or drafts drawn by Governmental agencies
- Identifying badges or insignias
- Licenses and Certificates of Title to motor vehicles, under certain State/Provincial law Copying copyrighted works may be regulated by Federal, State or local laws. For more information, consult an appropriate authority or advisor.

**brother®**