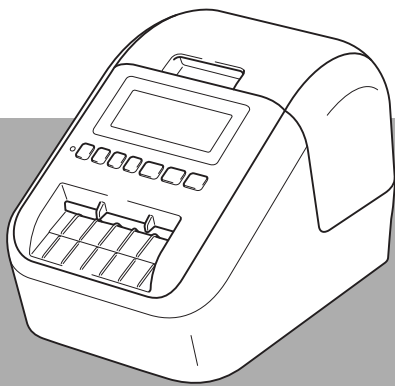


brother



Product Safety Guide

Label Printer
QL-800/QL-810W/QL-820NWB



Read the whole guide before using your product
and keep it for later reference.

Introduction

Thank you for purchasing the QL-800/QL-810W/QL-820NWB (hereafter referred to as “the Label Printer”)

The documentation included with the Label Printer, including the *Product Safety Guide* (this guide) and the *Quick Setup Guide* (printed) contains operating precautions and basic instructions.

For more information, and for information about software and using the Label Printer on a network, see the *User's Guide*, which can be found on your model's **Manuals** page on the Brother Solutions Center at support.brother.com.

The latest version of your Label Printer documentation is available from the Brother Solutions Center at support.brother.com.

Save all documentation for later reference.

Important Notice




- The available options and supplies may vary depending on the country.
- The contents of this document are subject to change without notice.
- The contents of this document may not be duplicated or reproduced, partially or in full, without permission.
- We assume no responsibility for damages arising from earthquakes, fire, other disasters, actions of third parties, the user's intentional or negligent operation, misuse, or operation under other special conditions.
- We assume no responsibility for damage (such as losses, loss of business profits, lost profits, business disruptions, or a lost means of communication) that may result from the use or inability to use of the Label Printer.
- If the Label Printer should be defective due to faulty manufacturing, we shall replace or repair it during the warranty period.
- We assume no responsibility for any damages that may result from incorrect operation of the Label Printer caused by connecting incompatible equipment or using incompatible software.












To use your Label Printer safely

If your Label Printer malfunctions, immediately stop using it, and then contact the sales representative where your Label Printer was purchased.

Symbols used in this document





The following symbols are used throughout this document:

 DANGER	Indicates an imminently hazardous situation which, if the product is handled without following the warnings and instructions, will likely result in death or serious injuries.
 WARNING	Indicates a potentially hazardous situation which, if the product is handled without following the warnings and instructions, could result in death or serious injuries.
 CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injuries.
IMPORTANT	Indicates information or directions that should be followed. Ignoring them may result in damage or failed operations.










	Indicates a risk that, under certain circumstances, the user and/or others nearby could suffer burns
	Indicates a risk of electrical shock under certain circumstances
	Indicates a risk of burns under certain circumstances
	Indicates an action that must not be performed
	Indicates a risk of combustion if fire or flame is nearby
	Indicates a risk of injury if the indicated part of your Label Printer is touched
	Indicates a risk of injury, such as an electrical shock, if the indicated part of your Label Printer is disassembled or tampered with
	Indicates a risk of electrical shock if the operation is performed with wet hands
	Indicates a risk of electrical shock if your Label Printer is exposed to water
	Indicates an action that must be performed
	Indicates that the AC Power Cord must be disconnected from the AC power outlet

Important safety instructions

DANGER





















Battery Unit (Rechargeable Li-ion Battery included) (Optional: QL-810W/820NWB only)	
	DO NOT leave a drained Battery Unit in your Label Printer for a long period of time. This could shorten the life of the Battery Unit.
	DO NOT use or leave the Battery Unit near a fire, heaters, or other high temperature (above 176°F/80°C) locations.
	<ul style="list-style-type: none"> ■ If your Label Printer can be used only for a short period of time, even though the rechargeable battery is fully charged, the rechargeable battery may have reached the end of its service life. Replace the rechargeable battery with a new one. When removing and replacing the rechargeable battery, cover the terminals of the old rechargeable battery with tape to avoid creating a short in the rechargeable battery. ■ Keep the Battery Unit out of the reach of children, particularly infants, otherwise injury may occur.
	Before inserting or removing the Battery Unit, turn off the Label Printer, and disconnect the AC Power Cord from the AC power outlet.

WARNING






















Battery Unit (Rechargeable Li-ion Battery included) (Optional: QL-810W/820NWB only)	
	If your Label Printer is not fully charged after the specified amount of time has passed, stop charging it, otherwise a fire, electrical shock, or damage may occur.
	DO NOT charge the rechargeable battery with a Label Printer or AC Adapter other than that specified. Otherwise, a fire, electrical shock, or damage may occur.
	
	When shipping your Label Printer, make sure you remove the rechargeable battery from the Label Printer before packaging for shipment.
	If your Label Printer is shipped with the rechargeable battery installed, there is a risk of fire, explosion, and damage to the product.
	
	DO NOT insert foreign objects into your Battery Unit or its connectors, otherwise a fire, electrical shock, or damage may occur.
	If foreign objects are dropped into your Battery Unit, immediately turn it off, disconnect the AC Adapter/AC Power Cord from the AC power outlet, and then contact Brother Customer Service or your local Brother dealer. If you continue to operate your Battery Unit, a fire, electrical shock, or damage may occur.
	

! WARNING









Battery Unit (Rechargeable Li-ion Battery included) (Optional: QL-810W/820NWB only)

   	<p>DO NOT operate, charge, or store your Battery Unit in the following locations, otherwise fire, electrical shock, or damage may occur:</p> <ul style="list-style-type: none"> ■ Near water, such as in a bathroom or near a water heater, or in an extremely humid location ■ In a location where it is exposed to rain or moisture ■ In an extremely dusty location ■ In an extremely hot location, such as near open flames, heaters, or in direct sunlight ■ In a closed car under a hot sun ■ In a location where condensation may form
  	<p>DO NOT try to disassemble or alter your Battery Unit as it may result in an electrical short, explosion, smoke, fire, electrical shock, injury to yourself or others, or damage to the product or other property. For servicing, adjustments or repairs, contact Brother Customer Service or your local Brother dealer. (The warranty does not cover repairs for damage resulting from disassembly or alterations performed by the user.)</p>
   	<p>If your Battery Unit operates abnormally (for example, if it produces smoke, an unusual odor, or noise), stop using it, otherwise a fire, electrical shock, or damage may occur. Immediately turn off your Label Printer, and then contact Brother Customer Service or your local Brother dealer for repairs.</p>
  	<p>DO NOT place the product near chemicals or in a place where chemical spillage could occur. DO NOT allow organic solvents, such as benzene, thinner, polish remover, or deodorizers, to come into contact with the plastic cover or cables. These may cause the plastic cover to warp or dissolve, resulting in an electrical shock or fire. They may also cause the product to malfunction or become discolored.</p>
	<p>DO NOT allow children to play with the plastic bag that contained your Battery Unit. Dispose of the bag or keep it away from babies and children. There is a risk of suffocation.</p>
 	<p>DO NOT dispose of your Battery Unit with household waste. There is a risk of environmental damage, explosion, or fire.</p>
  	<p>DO NOT use combustible sprays when cleaning your Battery Unit, and DO NOT use combustible sprays near your Battery Unit. There is a risk of fire and electrical shock.</p> <p>Examples of combustible sprays:</p> <ul style="list-style-type: none"> ■ Dust removing cleaners ■ Pesticides ■ Disinfectants and deodorizers that contain alcohol ■ Organic solvents or liquids such as alcohol












⚠ WARNING

 	<p>DO NOT allow the charging contacts or the surrounding areas to become dirty, or to come into contact with foreign objects. There is a risk of burns and damage.</p>
 	<p>DO NOT touch the terminal with wet hands, otherwise electrical shock, equipment damage, ignition or smoking may occur.</p>
 	<p>When not attached to the Label Printer for use, cover the terminal with tape, etc. to prevent intrusion of foreign material such as dust. Also, do not use if the terminal is soiled with dust, etc.</p>
  	<p>When shipping the Label Printer, make sure you remove the Battery Unit from the Label Printer before packaging for shipment. If the Label Printer is shipped with the Battery Unit installed, there is risk of ignition, rupture, fire or malfunction.</p>
<p>AC Adapter/AC Power Cord (AC Adapter is for QL-810W/820NWB ONLY)</p>	
   	<p>DO NOT allow water, drinks, or metal objects to come into contact with the power supply plug, AC Adapter, or AC Power Cord. In addition, DO NOT use the power supply plug, AC Adapter, or AC Power Cord in a location where it may get wet, otherwise a fire, smoke, heat or electrical shock may occur.</p>
 	<p>If the power supply plug becomes dirty (for example, if it becomes covered with dust) disconnect it from the AC power outlet, and then wipe it with a dry cloth. If you continue to use a dirty power supply plug, a fire may occur.</p>
  	<p>When disconnecting the AC Adapter/AC Power Cord from the AC power outlet, DO NOT pull on the cord. Hold the plug and pull it out of the AC power outlet.</p>
  	<p>DO NOT insert foreign objects into the terminals of the AC Adapter/AC Power Cord, otherwise burns or electrical shock may occur.</p>

! WARNING

	<p>Use the AC Adapter, AC Power Cord, or cable correctly and observe the following precautions, otherwise a fire or electrical shock may occur:</p> <ul style="list-style-type: none"> ■ DO NOT damage the AC Adapter, AC Power Cord, or cable. ■ DO NOT modify the AC Adapter, AC Power Cord, or cable. ■ DO NOT twist the AC Adapter, AC Power Cord, or cable. ■ DO NOT severely bend the AC Adapter, AC Power Cord, or cable. ■ DO NOT pull on the AC Adapter, AC Power Cord, or cable. ■ DO NOT place objects on the AC Adapter, AC Power Cord, or cable. ■ DO NOT subject the AC Adapter, AC Power Cord, or cable to heat. ■ DO NOT bind the AC Adapter, AC Power Cord, or cable. ■ DO NOT allow the AC Adapter, AC Power Cord, or cable to be pinched.
	<p>If the AC Adapter/AC Power Cord is damaged, contact Brother Customer Service or your local Brother dealer.</p>
	<p>Keep the AC Adapter/AC Power Cord out of the reach of children, particularly infants, otherwise injury may occur.</p>
	<p>DO NOT use the AC Adapter/AC Power Cord near flames or heaters. If the covering of the AC Adapter/AC Power Cord melts, a fire or electrical shock may occur.</p>
	<p>Before performing maintenance on your Label Printer, such as cleaning, disconnect the AC Adapter/AC Power Cord from the AC power outlet, otherwise an electrical shock may occur.</p>
	<p>If your Label Printer is not used for a long period of time, disconnect the AC Adapter/AC Power Cord from your Label Printer and the AC power outlet for safety reasons. If the AC power cord plug is left in the outlet for a long period of time, dust may accumulate at the base of the plug blades creating a risk of electrical short which could lead to fire.</p>
	<p>DO NOT overload AC power outlets or plug multiple devices into the same AC power outlet. There is a risk of fire, electrical shock, and damage.</p>
	<p>DO NOT use damaged plugs or bent AC power outlets. There is a risk of fire, electrical shock, and damage.</p>

⚠ CAUTION

Label Printer	
	Keep out of the reach of children, particularly infants, otherwise injury may occur.
	Stop operating your Label Printer if it leaks or becomes discolored, deformed, or otherwise defective.
	
	DO NOT hold your Label Printer by the DK Roll Compartment Cover. There is a risk of injury if the cover detaches and your Label Printer falls.
 	When connecting cables and accessories, make sure you connect them correctly and in the correct order. Connect only items that are designed specifically for this Label Printer. There is a risk of fire or injury. See the instructions (about the Power Supply, see QSG 4.Connect the Power Supply) when connecting.
	DO NOT hold the Label Printer with only one hand. Otherwise, the Label Printer may slip out of your hand.
Battery Unit (Rechargeable Li-ion Battery included) (Optional: QL-810W/820NWB only)	
	When attaching to the Label Printer, make sure that the screws are securely tightened. If the screws are loose, the Label Printer may fall and cause injury, etc.
AC Adapter/AC Power Cord (AC Adapter is only for QL-810W/820NWB)	
	Make sure the AC Adapter's power cord/AC Power Cord is accessible so that it can be removed in an emergency. DO NOT place objects on or near the AC Adapter's power cord/AC Power Cord.
Cutter	
	DO NOT touch the blade of the cutter.
	DO NOT open the DK Roll Compartment Cover when the cutter is operating.

IMPORTANT

- DO NOT remove the labels affixed to the Label Printer. These labels provide operational information and indicate the Label Printer's model number.
- DO NOT store the Label Printer in an area exposed to high temperatures, high humidity, direct sunlight, or dust. These could cause discoloration or malfunction.

General Precautions

Label Printer

- If the Bluetooth function and wireless LAN function are both turned on, the communication speed may decrease due to radio wave interference. If this occurs, turn off the function that you are not using (Bluetooth function or wireless LAN function).
- DO NOT cover or insert foreign objects into the Label Output Slot, AC connector, or USB Port.
- When not used for an extended period, remove the DK Roll from the Label Printer.
- Always keep the DK Roll Compartment Cover closed when printing.
- When using optional accessories, use them as described in their instruction manuals.
- DO NOT touch the Label Printer with wet hands.
- DO NOT touch paper or labels with wet hands, otherwise malfunction may occur.
- DO NOT lift the Label Printer by the DK Roll Compartment Cover. The cover could come off and the Label Printer could fall and become damaged.
- Use only the interface cable (USB Cable) included with the Label Printer.

Battery Unit (Rechargeable Li-ion Battery included) (QL-810W/820NWB only)

- At the time of purchase, the Battery Unit is slightly charged so that the operation of your Label Printer can be verified; however, the Battery Unit should be fully charged with the AC Adapter or battery charger before your Label Printer is used.
- If you notice anything unusual about the Battery Unit the first time it is used, for example overheating or rust, DO NOT continue to use the Battery Unit. Contact Brother Customer Service.
- If the Label Printer will not be used for a long period of time, remove the Battery Unit and cover the terminal with tape, etc., and then store it in a location where it is not exposed to static electricity, high humidity, or high temperatures. To maintain the efficiency and life of the Battery Unit, charge it at least once every six months.
- At the time of purchase, the Battery Unit is slightly charged so that the operation of the Label Printer can be verified; however, the Battery Unit should be fully charged using the specified charger (in combination with dedicated AC Adapter, car adapter or battery charger) before the Label Printer is used.
- If you notice anything unusual about the Battery Unit during use, charging or storage, for example overheating or rust, DO NOT continue to use the Battery Unit. Contact Brother Customer Service.

Power Cord

- You should put the Label Printer near an easily accessible, standard AC power outlet.

ATTENTION: (For USA and Canada) (Battery Unit only)

The product you have purchased is powered by Lithium Ion battery which is recyclable. At the end of their useful lives, under various state and local laws, it is illegal to dispose of this battery into your municipal waste stream. Please call 1-800-8-BATTERY for information on how to recycle this battery.



LAN Connection (For QL-820NWB Only)

Caution: Connect this product to the LAN connection that is not subjected to overvoltages.

Compilation and Publication Notice

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

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

If updated versions of firmware, drivers or applications are released, this guide may not accurately reflect these features.

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Blue SDK

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AirPrint is a trademark of Google, Inc.

Open Source Licensing Remarks (QL-810W/820NWB)

This product includes open-source software.

To see the open source licensing remarks, go to the manual download selection on your model's home page of Brother Solutions Center at support.brother.com.

Regulation for QL-800/QL-810W/QL-820NWB

CAUTION (QL-810W/QL-820NWB only)

RISK OF EXPLOSION IF BATTERY IS REPLACED WITH AN INCORRECT TYPE.

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

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.



Federal Communications Commission (FCC) Declaration of Conformity (For USA Only)

Responsible Party: Brother International Corporation
200 Crossing Boulevard
Bridgewater, NJ 08807-0911 USA
TEL : (908) 704-1700

declares, that the products

Product Name: Brother Label Printer
Model Number: QL-800/QL-810W/QL-820NWB

comply 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.

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 does not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning off and on the equipment, the user is encouraged to try to correct the interference by one or 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.
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Important

- The enclosed interface cable should be used to ensure compliance with the limits for a Class B digital device.
- Changes or modifications not expressly approved by Brother Mobile Solutions, Inc. could void the user's authority to operate the equipment.
- AC code with ferrite core must be used for EMC (Electro-Magnetic Compatibility).
- (QL-820NWB Only) A shielded interface cable should be used to ensure compliance with the limits for a Class B digital device.

CAUTION (QL-810W/820NWB only): To maintain compliance with FCC's RF exposure guidelines, use only the supplied antenna. Unauthorized antenna, modification, or attachments could damage the transmitter and may violate FCC regulations.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body.

Industry Canada Compliance Statement (For Canada only)

This device complies with Industry Canada's license-exempt RSSs. 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.

RF Exposure information (QL-810W/820NWB only)

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body.

Rechargeable Li-ion Battery Specifications (Optional) (QL-810W/820NWB only)

- Charging time: Approximately 2.5 hours when charged using an AC Adapter (PA-AD-001A).
- Nominal Voltage: DC 14.4 V
- Nominal Capacity: 1750 mAh

Rechargeable Li-ion Battery

Surrounding Temperature Range		
Charge		104°F (40°C)
Standard discharge current 1.75 A		140°F (60°C)
Maximum discharge current 8.0 A		104°F (40°C)
Shipped battery	Less than 1 month	Between -4°F and 122°F (-20°C and 50°C)
	Less than 3 months	Between -4°F and 104°F (-20°C and 40°C)
	Less than 1 year	Between -4°F and 68°F (-20°C and 20°C)

Charging Parameters	
Maximum charging voltage	DC 16.4 V
Maximum charging current	1750 mA

Label Printer

- Charging current: 1170 mA (Maximum)
- Charging voltage: DC 16.4 V (Maximum)

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