Label Printer

QL-810W/820NWB Quick Setup Guide (English)

Thank you for purchasing model QL-810W/820NWB!

1. Unpacking the Label Printer
   - Check that the package contains the following items before using the Label Printer. If they are missing or damaged, contact your Brother dealer.
   - Label Printer
   - Power Cord
   - Quick Setup Guide
   - Roll Spool Guides
   - Roll Spool Arm
   - AC Power Cord
   - Cellophane Tape
   - Quick Start Guide
   - Instructions for the Power Battery Unit (QL-820NWB only)

2. Parts Description (cont.)
   - Front
     - QL-810W
     - QL-820NWB
   - Roll Spool Arm
   - LCD and Control Panel Buttons
   - On/Off Switch
   - Roll Spool Guides
   - Roll Spool Arm
   - Label Output Slot
   - Control Panel Buttons
   - Battery LED
   - Status LED
   - Cellophane Tape
   - Power Button
   - Cancel Button
   - Enter (▲) Button
   - Up Arrow Button
   - AC Adapter Port
   - USB Port
   - USB Port
   - Wi-Fi Port
   - Wi-Fi LED
   - Battery LED

3. Loading the DK Roll
   - 1. Make sure that the Label Printer is turned Off.
   - 2. Use the DK Roll Compartment Cover to open it.
   - 3. Insert the DK Roll into the slot and close the DK Roll Compartment Cover.

4. Connecting the AC Adapter
   - 1. Make sure that the Power Battery Unit is installed in the Label Printer.
   - 2. Use the AC Adapter and AC Power Cord to connect the Label Printer to an AC power outlet.

5. Using the Battery Unit (Rechargeable Li-Ion Battery Included)
   - 1. Press the Menu Button.
   - 2. Press the Menu Button. Select the Administration menu, and then press the OK Button.
   - 3. Select the language, and then press the OK Button.
   - 4. Press the Menu Button.
   - 5. Press the Power Battery Unit.

6. Setting LCD Language (QL-820NWB only)
   - 1. Press the Menu Button.
   - 2. Press the Menu Button.
   - 3. Select the Administration menu, and then press the OK Button.
   - 4. Select the Language menu, and then press the OK Button.
   - 5. Press the OK Button.

7. Turning Power On/Off
   - 1. Press the Power Button to turn the Label Printer on.
   - 2. Press the Power Button to turn the Label Printer off.

Available Applications for Use with Computers

Available Applications for Use with Mobile Devices

For more information, visit our website: install.brother

To download and print the manuals, visit our website: support.brother.com

If any item is missing or damaged, contact your Brother dealer.
Thank you for purchasing model QL-810W/820NWB!

To download and install printer drivers and software, visit our website.

Quick Setup Guide (English)

Clean your Label Printer with a soft, dry cloth. For stubborn dirt, use a cloth moistened with water. Do not use benzine, thinner, or any other strong solvent, as these may cause the paint to peel off or the plastic to deteriorate.

For more information, see the User's Guide.
1. Unpacking the Label Printer

Check the packaging for any visible damage. If the Label Printer is damaged, contact your Brother dealer.

2. Parts Description (cont)

For more information, see the Parts Description in this guide.

2. Loading the DK Roll

1. Make sure that the Label Printer is turned Off. Pull out the DK Roll Compartment Cover, and then lift up the DK Roll to release it from the Label Printer.

6. Installing the Coin Cell Battery (QL-820NWB only)

- A coin cell battery is used as a backup power supply to maintain the settings for the internal clocks. Please note that battery power will be consumed even if the Label Printer is turned off.
- 1. Make sure that the Label Printer is turned Off. Hold up the DK Roll Compartment Cover to open it.
- 2. Pull out the insulation seal on the coin battery.

3. Connecting the AC Adapter

1. Connect the AC Power Cord to the Label Printer and to the AC Adapter. Then plug the AC Adapter into an AC outlet.

4. Using the Battery Unit (Rechargeable Li-Ion Battery Included)

1. Press the Menu Button.

5. Setting LCD Language (QL-820NWB only)

1. Press the Menu Button. 2. Press the or button to select the Administration menu, and then press the OK Button.

6. LED Indications

The Label Printer’s LED indicates the Label Printer’s status. See section in this guide.
Thank you for purchasing model QL-810W/820NWB!

For FAQs, Troubleshooting, and to download software and manuals, visit support.brother.com.

1. Unpacking the Label Printer

Check that the package contains the following items before using the Label Printer:

- Label Printer
- DK Label & Tape Guide
- Warranty Card
- Cleaning Sheet
- Instruction Manual
- Roll Spool Guides
- AC Adapter

2. Parts Description (cont)

- Front
  - LCD and Control Panel Buttons
  - Control Panel Buttons
  - Battery LED
  - Power Button
  - Status LED
  - Label Output Slot
  - Roll Spool Arms
  - DK Roll Compartment Cover

- Rear
  - AC Adapter Port
  - USB Port
  - Wi-Fi LED
  - LED Indicator
  - Power Button

Available Applications for Use with Mobile Devices

For more information, see the User’s Guide.

Available Applications for Use with Computers

For more information, see the Software User’s Guide.

Available Manuals

- Product Safety Guide
- Quick Setup Guide

Visit the Brother website to download manuals.

To download and install printer drivers and software, visit our website:

install.brother

For more information on installing the drivers and software, see the Software and Printer Drivers to a Computer section in this guide.

4. Connecting the AC Adapter

Connect the AC Power Cord to the Label Printer and to the AC Adapter. Then, plug the AC Adapter into a grounded AC electrical outlet.

5. Using the Battery Unit (Rechargeable Li-Ion Battery Included)

- Charging the Battery Unit
  - To fully charge the Battery Unit, charge for approximately 2.5 hours.

6. Installing the Coin Cell Battery (QL-820NWB only)

A coin cell battery is used as a backup power supply to maintain the settings for the internal clock. Please note that battery power will be consumed even if the Label Printer is not in use.

- Do not leave the printed labels in the Label Printer. Doing so will cause the labels to jam.
- Do not throw away the Protective Sheet.
- We recommend replacing the battery every two years.
- Hold the Label Printer by the front, and firmly lift the DK Roll Compartment Cover correctly.
- It is not recommended to use a non-Brother coin cell battery.

6. Installing the Coin Cell Battery (QL-820NWB only)

To stop charging the Battery Unit, disconnect the AC Adapter.

NOTES

- If you touch a part of the Label Printer while the Battery Unit is charging, that part of the Label Printer may feel warm. This is normal, and the Label Printer may be used safely; however, if the Label Printer becomes extremely hot, discontinue use and allow to cool.

7. Setting LCD Language (QL-820NWB only)

- Press the Menu Button.

8. LED Indications

The Label Printer’s LEDs indicate the Label Printer’s status.

- Power LED
- Printer Status LED
- Error LED
- Battery LED

9. Setting Computer (P-touch Editor) Applications

- Available Applications for Use with Computers

10. Turning Power Off/On

- To turn the Label Printer On, hold the Power ( ) Button until the Power LED turns green.
- To turn the Label Printer Off, press and hold the Power ( ) Button until the Power LED turns off.

IMPORTANT

- Do not remove the battery or disconnect the AC Adapter and the AC Adapter is not fully charged.
10. Printing Using a Computer (P-touch Editor) (cont)

10. Printing Using a Computer (P-touch Editor) (cont)

QL-600NBW only

1. IMPORTANT

For better connection, turn off the wireless devices in your area that may interfere with the wireless network connection. (You can deactivate Wi-Fi, Bluetooth, etc.) To protect your label printer from interference, do not place the label printer in a location where the label printer will be exposed to the effects of radio frequency interference such as microwave ovens, wireless communication devices, or cordless phones.

2. IMPORTANT

If you have a mobile device, and you are using a mobile device to connect to the label printer, you may need to perform a two-tone print to connect to the label printer. (You can find the serial number label in the DK Roll compartment of the label printer.)

P-touch Editor Lite is set as the default mode.

For more information and instructions on how to use the P-touch Editor Lite, see the User's Guide.

11. Printing Using a Computer (P-touch Editor Lite) for QL-610NW only

1. Turn the Label Printer On, then press and hold the P-touch Editor Lite Button on the Label Printer until the Editor Lite LED lights off.

2. Disconnect and then reconnect the USB Cable while the Label Printer is On.

There are three ways to restart:

• Check the DK Roll is set correctly by removing the DK Roll and reinstalling it.
• Check that the correct port is selected from the “Print to the following port” list in the Printer Setting Tool.
• Turn off the Label Printer and then turn it on again. If there is still a problem, contact Brother Customer Support.

12. Printing Using a Mobile Device

Printing from a Mobile Device

1. Start the mobile printing application on your mobile device.

2. Make sure that the Label Printer is connected to your mobile device. See Connecting the Label Printer to a Mobile Device section in this guide.

3. Select a label template or design.

You can select a previously designed label or image and print it.

NOTE

You can also select a previously designed label or image and print it.

4. P-touch Editor Lite launches.

Main Specifications

Product specifications

Print speed

- P-touch Editor Lite: Approx. 45 mm/second

Operating environment

- Operating system: Windows 7/8/8.1/10, Mac OS X 10.10 or later

Troubleshooting

Check the USB cable and connection between the label printer and your computer. If you are using the USB Cable, make sure that the USB connection is secure and the USB Cable is not damaged.

12. Printing Using a Mobile Device (cont)

Connecting the Label Printer to a Mobile Device

1. Confirm the Wireless Direct settings of the Label Printer, and then connect the Label Printer to your computer using a USB Cable.

2. Press and hold the Wi-Fi ( ) Button on your Label Printer for one second to turn the Wi-Fi function on.

NOTE

The Wi-Fi ( ) LED starts flashing blue once every three seconds.

In the Wi-Fi settings screen of your mobile device, select the SSID of the Label Printer and enter the password.

You can also connect the Label Printer to a mobile device in the Infrastructure Mode via a wireless access point.

Connecting Using a Wired LAN (QL-620NWB only)

To connect the Label Printer to a computer using a wired connection, we recommend the following:

1. Before connecting the LAN cable, make sure that the Label Printer is turned Off.

2. Connect the LAN cable to the LAN Port on the back of the Label Printer.

3. Connect the USB Cable to the USB port on the computer.

4. Turn the Label Printer On.

5. Connect the LAN cable to the LAN Port on the back of the Label Printer.

6. Turn the Label Printer On.


8. Select [QL-810W].

9. Click [Infrastructure and Wireless Direct].

10. [Communication Settings] is selected for [Selected Interface].

11. [P-touch Editor Lite] is set to [QL-810W].

12. Printing Using a Mobile Device (cont)

Software Development Kit

A Software Development Kit (SDK) is available. Visit the Brother Developer Center (www.brother-usa.com/developer) to learn more about the Brother Developer Center.

To install the SDK, follow these steps:

1. Download the SDK from the Brother Developer Center.

2. Install the SDK on your computer.

3. Follow the on-screen instructions to install the SDK.

4. Connect the Label Printer to your computer using a USB Cable.

5. Open the SDK to start using the Label Printer.

6. Use the SDK to create and print labels on your mobile device.

For more information, see the Software Development Kit User's Guide.
**10. Printing Using a Computer (P-touch Editor)**

**Connecting the Label Printer to a Computer**

You can use Brother QL Label Printers and QL-1060N/810W/820NW/1060NWB to print labels using a computer, wireless LAN, or wired LAN. For more information, see your User's Guide.

- **Connecting Using USB**
  1. Before connecting the USB, make sure that the Label Printer is turned off.
  2. Connect the USB Cable to the USB Port on the back of the Label Printer.
  3. Connect the USB Cable to the USB port on your computer.
  4. Turn the Label Printer On.

- **Connecting Using Wi-Fi**
  1. Turn the Label Printer On.
  2. Press and hold the Wi-Fi ( ) Button on your Label Printer for one second to turn the Wi-Fi function On. The Wi-Fi ( ) LED starts flashing green once every three seconds.

**11. Printing Using a Computer (P-touch Editor Lite)**

1. Turn the Label Printer On, then press and hold the P-touch Editor Lite Button until the green LED starts flashing green once every three seconds.

2. Open folder to view files

**NOTE**

- **GL-80W only**: P-touch Editor Lite is set as the default mode.
- Connect the USB Cable to your computer.

**NOTE**

- When using the USB Cable, confirm that the Printer is powered on.
- If you are using the Label Printer using a USB Cable, be sure to connect it securely. Disconnect the USB Cable, make sure that the Label Printer is turned off, then reconnect the USB Cable.
- If the USB Cable is connected, a dialog box appears on your computer monitor. (The following procedures may differ depending on your operating system, but the operating procedure is the same.)

**12. Printing Using a Mobile Device**

**Printing from a Mobile Device**

1. Start the mobile printing application on your mobile device.

**NOTE**

- Make sure that the Label Printer is connected to your mobile device. See Connecting the Label Printer to a Mobile Device section in this guide.
- You can also select a previously designated label image and print it.

3. Top [Print] in the application menu.

**Troubleshooting**

**Main Specifications**

- **Product specifications**

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**Operating environment**

- Windows® 7 / 8 / 8.1 / 10
- Mac OS X 10.7.5 — 10.11.5
- iOS 8.0 or later

**Software Development Kit (SDK)**

- A Developer Kit (SDK) is available. Visit the Brother Developer Center (www.brother-usa.com/developer) for more information.
- The SDKs available are subject to change without notice.
10. Printing Using a Computer (P-touch Editor)

Connecting the Label Printer to a Computer

The necessary software and printer drivers for P-touch Editor are available on the User’s Guide CD-ROM or can be downloaded from the User’s Guide online. For more information, see the User’s Guide.

Connecting Using Wi-Fi

1. Before connecting the Label Printer to your computer, turn the Label Printer Off.
2. Connect the USB Cable to the USB Port on the back of the Label Printer.
3. Connect the USB Cable to the USB port on your computer.
4. Turn the Label Printer On.

Connecting Using USB

1. Before connecting the USB Cable to the USB Port on the back of the Label Printer, turn the Label Printer Off.
2. Connect the USB Cable to the USB Port on the back of the Label Printer.
3. Connect the USB Cable to the USB port on your computer.
4. Turn the Label Printer On.

1. Turn the Label Printer On.
2. Press and hold the Wi-Fi ( ) Button on your Label Printer for one second to turn the Wi-Fi function On. The Wi-Fi ( ) LED starts flashing green once every three seconds.

11. Printing Using a Computer (P-touch Editor Lite for QL-810W only)

1. Turn the Label Printer On, then press and hold the P-touch Editor Lite Button on your Label Printer for one second to turn the Wi-Fi function On. The Wi-Fi ( ) LED starts flashing green once every three seconds.

12. Printing Using a Mobile Device

Connecting Using the Label Printer to a Mobile Device

1. Confirm the Wireless Direct settings of the Label Printer, and then connect the Label Printer to your mobile device. The following free Brother applications can be downloaded from the App Store or Google Play:
  - Brother iPrint&Label
  - Mobile Printer
  - Mobile Transfer Express

Printing from a Mobile Device

1. Start the mobile printing application on your mobile device.

NOTE
- You may need to activate the Bluetooth function while installing the software to ensure the connection between the Label Printer and your mobile device.
- Make sure to check the Apple User’s Guide or the Android User’s Guide for more information on how to use the mobile applications.

Troubleshooting

Main Specifications

- Operating environment

Software Development Kit

A Software Development Kit (SDK) is available. Visit the Brother Developer Center (http://brother.com/developers/) for more information.

Windows Mobile Application (Windows Phone 8 and Android)

For more information, see 12. Printing Using a Mobile Device (cont).

Connecting Using Wi-Fi

1. Before connecting the Label Printer to your computer using a USB Cable, make sure that the Label Printer is turned Off.
2. Connect the USB Cable to the USB Port on the back of the Label Printer.
3. Connect the USB Cable to the USB port on your computer.
4. Turn the Label Printer On.

Connecting Using USB

1. Before connecting the USB Cable to the USB Port on the back of the Label Printer, turn the Label Printer Off.
2. Connect the USB Cable to the USB Port on the back of the Label Printer.
3. Connect the USB Cable to the USB port on your computer.
4. Turn the Label Printer On.

Connecting Using Wi-Fi

1. Before connecting the USB Cable to your computer, turn the Label Printer Off.
2. Connect the USB Cable to the USB Port on the back of the Label Printer.
3. Connect the USB Cable to the USB port on your computer.
4. Turn the Label Printer On.

NOTE
- If you do not see the dialog box, it may be hidden behind an open software program window. Minimize all windows to view the dialog box.
- The Label Printer and the computer must be on the same network to communicate.
- If the software does not start automatically, you can select [Start] [All Programs] [P-touch Editor Lite] [P-touch Editor Lite].
- When using Windows Vista®, you can also select [Start] [All Programs] [Brother] [P-touch Editor Lite] [P-touch Editor Lite].

For more information, see 11. Printing Using a Computer (P-touch Editor).
10. Printing Using a Computer (P-touch Editor)

Installing the Software and Printer Drivers to a Computer
To print from your Windows® computer or Mac, install the printer drivers, P-touch Editor, and other applications to your computer.

For Windows®:
- Click on the P-touch Editor Installer file to install the P-touch Editor and Printer Setting Tool.
- Click on the Printer Driver Installer file to install the printer driver.

For Mac:
- Drag the Printer Driver Installer file to the Applications folder.

Specifications
For more information, see the Product specification sheet or visit our website.

Connecting the Label Printer to a Computer
You can connect the Label Printer to your computer using a USB Cable, wireless LAN, or wired LAN. For more information, see the User's Guide.

1. Turn the Label Printer On.
2. Connect the USB Cable to the USB Port on the back of the Label Printer.
3. Connect the USB Cable to the USB port on the computer.
4. Turn the Label Printer On.
5. Connect the Label Printer to your computer using a USB Cable.

NOTE
- For more information on using P-touch Editor, please refer to the PTLITE10 User's Guide for the first time. If the software does not start automatically when you connect the Label Printer, you may need to start it manually.
- Ensure that the DK Roll Compartment Cover is closed correctly.
- Check that there are enough labels remaining in the DK Roll.
- Check that the AC Power Cord is inserted correctly.
- If the Status LED is not lit, • Is the AC Power Cord inserted correctly?
- • Is the correct port selected?
- • Has a print error or transmission error occurred?
- • Are there enough labels in the DK Roll?
- • Is the correct connection made to the computer?
- • Is the Label Printer in cooling mode (the Status LED is flashing orange at 0.5 seconds)?

If you cannot find this information, ask your network administrator or wireless access point/router using a USB Cable.

6. If your wireless access point/router supports WPS, you can use one-push WPS (Wi-Fi Protected Setup) to configure the wireless network settings while installing the software. You can change the settings later.

1. Turn the Label Printer On, then press and hold the P-touch Editor Lite Button until the green Editor Lite LED turns off.
2. Double-click the downloaded software file and follow the on-screen instructions to proceed with the installation.

NOTE
- If you connect the Label Printer to a computer using a wireless connection, we recommend the following:
- Configure the wireless network settings while installing the software. You can change the settings later using the P-touch Setting Tool. For more information, see the User's Guide.
- If you are using the Label Printer with a wireless connection, turn off the wireless access point/router to select the wireless access point/router settings using a USB Cable.
- Make sure the wireless access point/router is accessible from your computer.
- If your wireless access point/router supports WPS, you can use one-push WPS (Wi-Fi Protected Setup) to automatically set the wireless network settings.
- For more information, see the User's Guide.

4. Turn the Label Printer On.
5. Use your Bluetooth management software to discover the Label Printer.
6. Connect the Label Printer to your Bluetooth-equipped computer or device to communicate. You may need to set [Bluetooth (On/Off)] to [On] to allow wireless communication to be available.

Connecting Using a Wired LAN (QL-820NWB only)

NOTE
- If you use 802.11n, make sure that the Label Printer is turned On.
- Connect the LAN cable to the LAN Port on the back of the Label Printer.
- Connect the LAN cable to an active LAN Port on the network.
- Connect the LAN cable to the USB port on the computer.
- Turn the Label Printer On.
- Turn the Label Printer On.
- Connect the LAN cable to the LAN Port on the back of the Label Printer.
- Connect the LAN cable to an active LAN Port on the network.
- Turn the Label Printer On.
- Use your Bluetooth management software to discover the Label Printer.
- Connect the Label Printer to your Bluetooth-equipped computer or device to communicate. You may need to set [Bluetooth (On/Off)] to [On] to allow wireless communication to be available.

7. After the USB Cable is connected, a dialog box appears on your computer monitor.
8. Click [OK] to accept the Label Printer's address.
9. Install the printer drivers and Printer Setting Tool, and then specify wired LAN connection settings.
10. Printing Using a Computer (P-touch Editor Lite for QL-810W only)

NOTE
- For more information and instructions on how to use P-touch Editor Lite, see the PTLITE10 User's Guide.
- If you are using the Label Printer with a wireless connection, turn off the wireless access point/router to select the wireless access point/router settings using a USB Cable.
- Make sure the wireless access point/router is accessible from your computer.
- If your wireless access point/router supports WPS, you can use one-push WPS (Wi-Fi Protected Setup) to automatically set the wireless network settings.
- For more information, see the User's Guide.

8. Double-click the downloaded software file and follow the on-screen instructions to proceed with the installation.

NOTE
- If you connect the Label Printer to a computer using a wireless connection, we recommend the following:
- Configure the wireless network settings while installing the software. You can change the settings later using the P-touch Setting Tool. For more information, see the User's Guide.
- If you are using the Label Printer with a wireless connection, turn off the wireless access point/router to select the wireless access point/router settings using a USB Cable.
- Make sure the wireless access point/router is accessible from your computer.
- If your wireless access point/router supports WPS, you can use one-push WPS (Wi-Fi Protected Setup) to automatically set the wireless network settings.
- For more information, see the User's Guide.

11. Printing With a Label Printer (QL-810W only)

NOTE
- Double-click the downloaded software file and follow the on-screen instructions to proceed with the installation.
- If you connect the Label Printer to a computer using a wireless connection, we recommend the following:
- Configure the wireless network settings while installing the software. You can change the settings later using the P-touch Setting Tool. For more information, see the User's Guide.
- If you are using the Label Printer with a wireless connection, turn off the wireless access point/router to select the wireless access point/router settings using a USB Cable.
- Make sure the wireless access point/router is accessible from your computer.
- If your wireless access point/router supports WPS, you can use one-push WPS (Wi-Fi Protected Setup) to automatically set the wireless network settings.
- For more information, see the User's Guide.

12. Printing Using a Mobile Device

Printing Using a Mobile Device
1. Start the mobile printing application on your mobile device.
2. Ensure that the Label Printer is connected to your mobile device. See Connecting the Label Printer to a Mobile Device section for details.
3. Open the application menu.
4. If you are using the Label Printer with a wireless connection, turn off the wireless access point/router to select the wireless access point/router settings using a USB Cable.
5. Make sure the wireless access point/router is accessible from your computer.
6. If your wireless access point/router supports WPS, you can use one-push WPS (Wi-Fi Protected Setup) to automatically set the wireless network settings.
7. For more information, see the User's Guide.

NOTE
- If you are using the Label Printer with a wireless connection, turn off the wireless access point/router to select the wireless access point/router settings using a USB Cable.
- Make sure the wireless access point/router is accessible from your computer.
- If your wireless access point/router supports WPS, you can use one-push WPS (Wi-Fi Protected Setup) to automatically set the wireless network settings.
- For more information, see the User's Guide.

Troubleshooting
- Check that the AC Power Cord is connected correctly. It is normally connected by plugging into an electrical outlet.
- Check that the AC Power Cord is connected correctly. It is normally connected by plugging into an electrical outlet.
- Check that the Label Printer is connected to your mobile device. See Connecting the Label Printer to a Mobile Device section for details.
- For more information, see the User's Guide.

Software Development Kit
A Software Development Kit (SDK) is available. Visit the Brother Developer Center (developer.brother.com) for details.

For Mac, Android, and Windows Phone, the SDKs for mobile devices (Android, iPhone, and iPad) can also be downloaded. (The SDKs are subject to change without notice.)