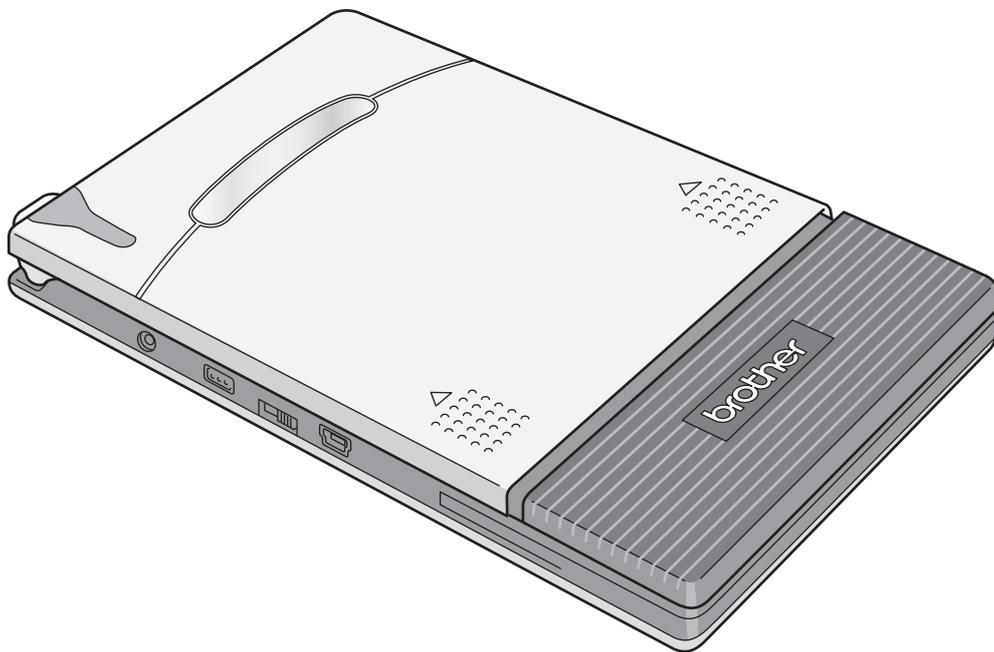


brother

MPRINT

User's Guide

MW-145MFi
Mobile Printer



- Before using this printer, be sure to read this User's Guide.
- We suggest that you keep this manual in a handy place for future reference.

English



Introduction

Thank you for purchasing the MPrint MW-145MFi mobile printer (hereinafter referred to as "the printer").

This is a slim, lightweight thermal black-and-white mobile printer, which, by connecting to a computer or mobile device, can print via simple operations.

This document describes how to consult instruction manuals and other points users should know to implement basic printer operations. Before using this printer, be sure to read this document to ensure correct use of the printer.

After reading this document, store it carefully in an easily accessible location for future reference.

- The contents of this document are subject to change without prior notice.
- The contents of this document may not be duplicated or reproduced, either partially or in full, without permission.
- Any discrepancies or errors should be communicated to the manufacturer. The contact information is provided at the end of this section.
- We assume no responsibility for damage 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) possibly resulting from the use or inability to use this printer.
- If this printer is found to be defective due to faulty manufacturing, we shall replace it during the warranty period. We assume no further responsibility.
- We assume no responsibility for damage resulting from a malfunction or other abnormal operations of this printer through the use of incompatible equipment and incompatible software.

Brother website information

The latest information is provided on our website.

You are invited to visit the Brother website to view the latest product information, and download the updated printer driver and instruction manuals.

- Mobile printer products:
www.brother.com
- Service & Support Website
Support website (Brother Solutions Center)
support.brother.com

On the information page for developers, you can download SDK and development information supporting each host free of charge.

- Mobile printer information for developers:
www.brother.com/product/dev

Composition of Instruction Manuals

The Product Safety Guide, User's Guide, and Software User's Guide are provided for this printer.

Download the Software User's Guide from Brother Solutions Center at support.brother.com.

The outline of each document is as follows:

Product Safety Guide

Describes precautions for handling the printer.

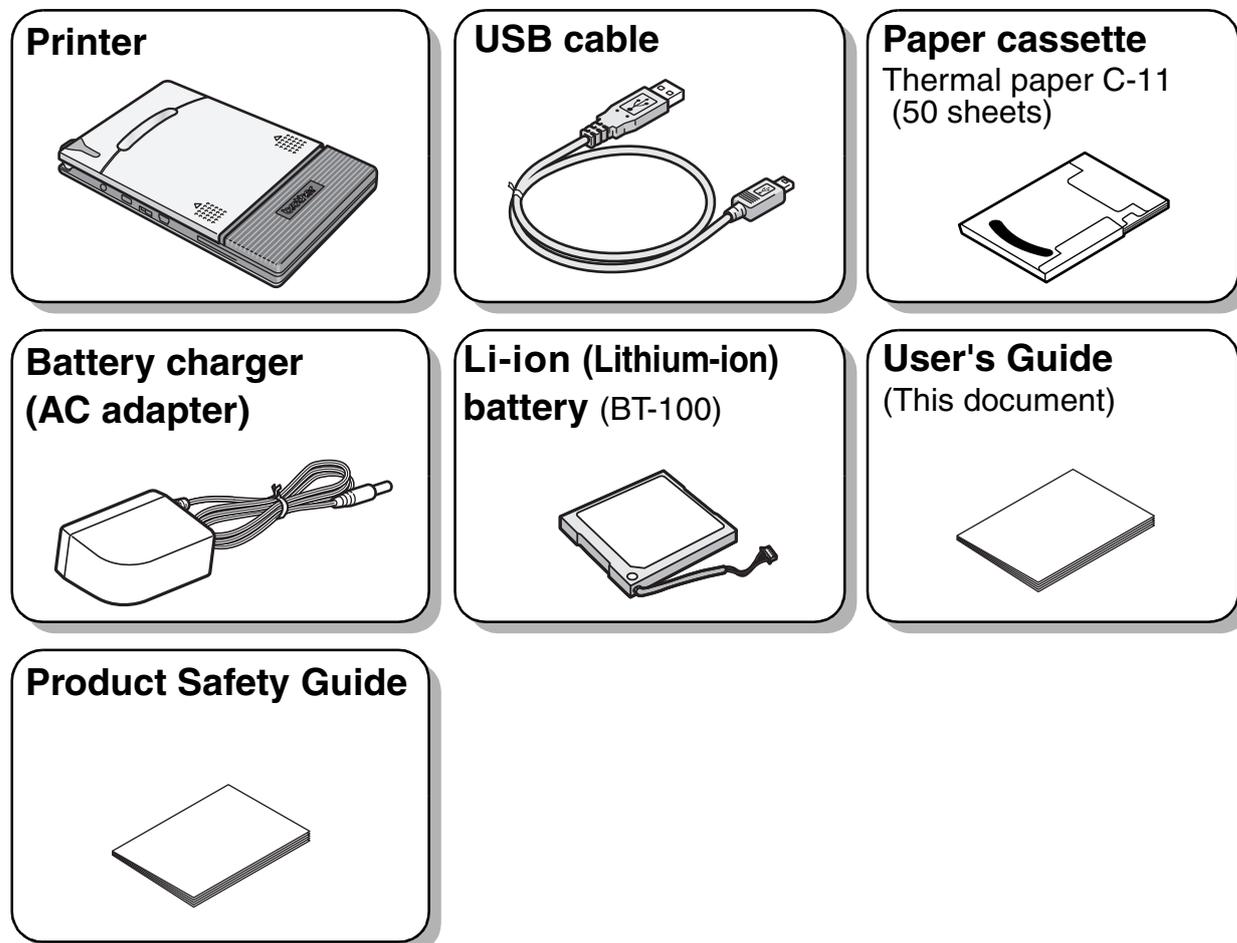
User's Guide

Describes how to set up the printer, and how to install the driver and software.

Software User's Guide

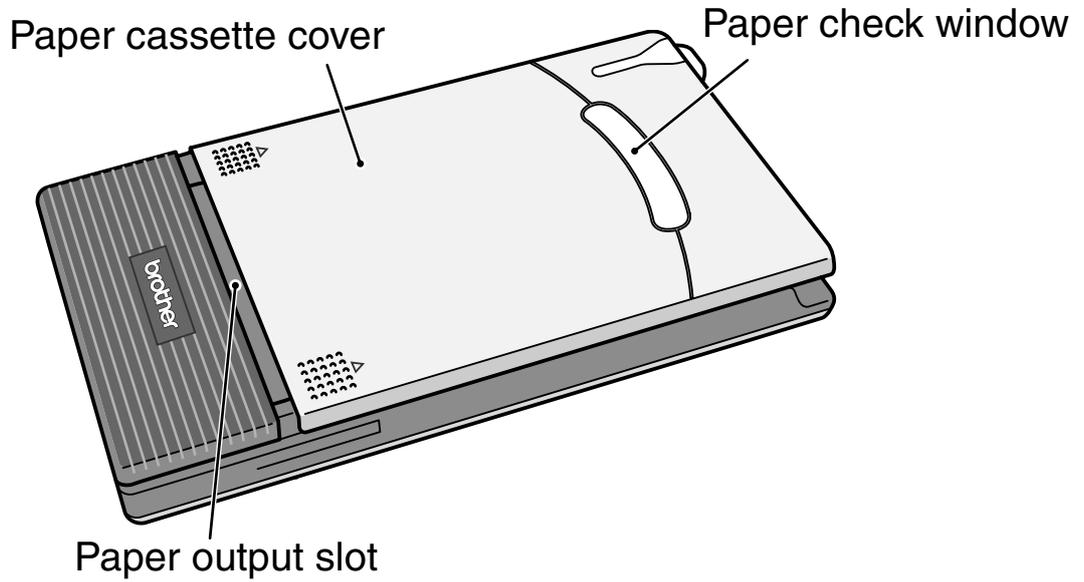
Describes how to use the software.

Package Contents

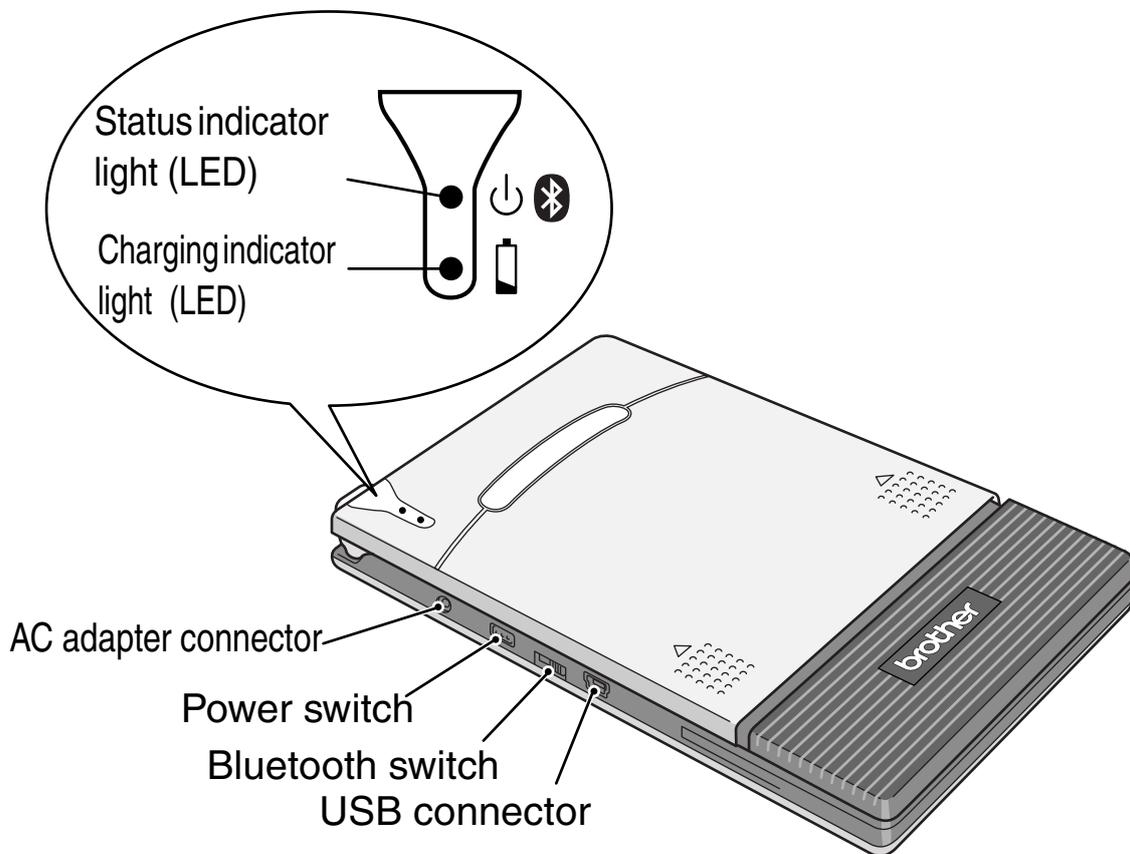


Part Names

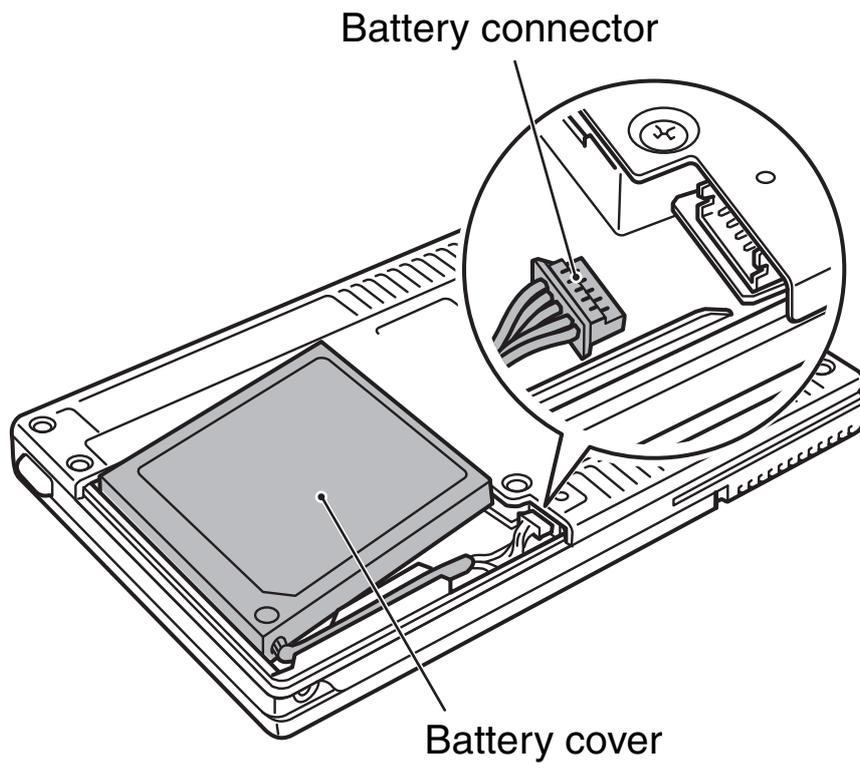
Right side



Left side



Back



Before Use

Installing the rechargeable battery

Danger



Do not use this printer with any rechargeable battery other than that specified (BT-100), otherwise a fire or damage may result.

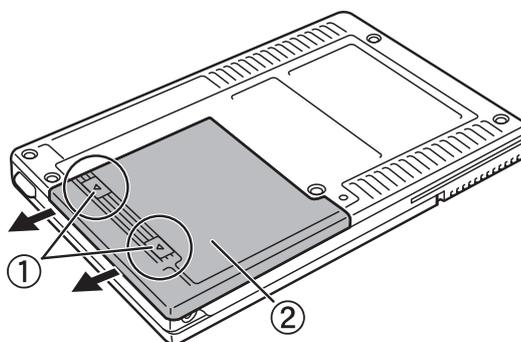


When handling the rechargeable battery, see the instructions in the *Product Safety Guide*.

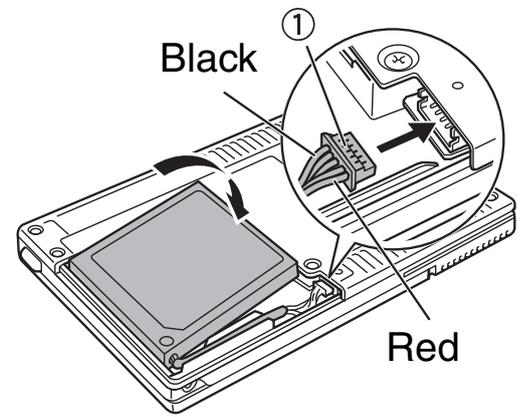


- Do not disassemble the rechargeable battery.
- The battery connector should not be frequently unplugged and reconnected, otherwise it may be damaged or the battery cord may break. The battery must only be removed when replacing it at the end of its service life, or when the printer will not be used for a long period of time.

- 1** Press the area indicated by ① on the battery cover ② and slide it off the printer.

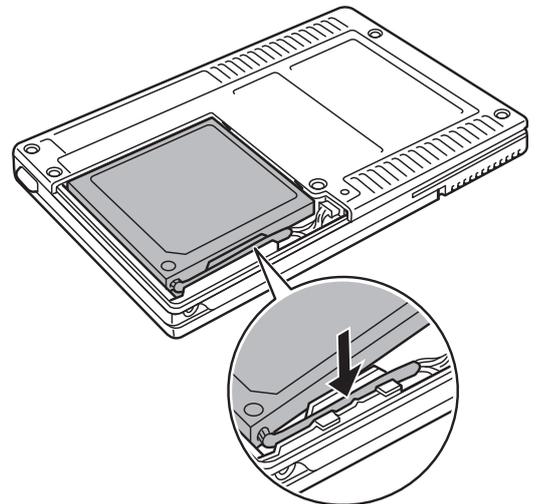


2 Insert the connector ① of the battery in the direction shown at right.

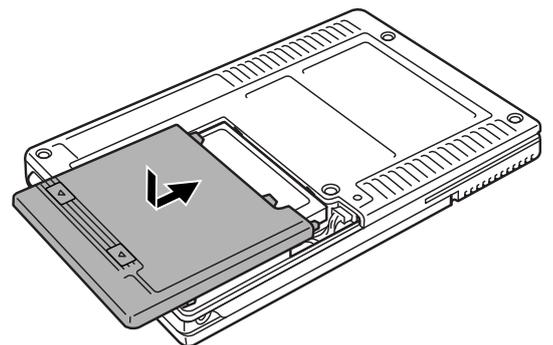


- Insert the connector fully, without using excessive force.
- Pay attention to the battery cord colors and be sure you insert the connector in the correct orientation, otherwise it may be damaged.

3 Fit the battery cord into the groove as shown in the illustration.



4 Install the battery cover by sliding it onto the back of the printer.



Be careful that you do not catch the battery connector cord.

Charging

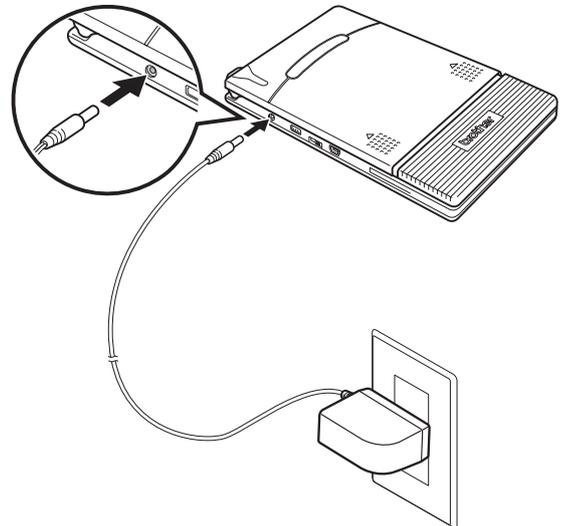
Use the AC adapter designed specifically for this printer to charge the battery.

After purchasing this printer, be sure to charge the battery fully before using it (the charging indicator light lights up in orange while charging).

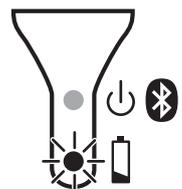
1 Plug the AC adapter cord into the printer.

2 Plug the AC adapter plug into an AC power outlet (AC 110 V-120 V).

Charging of the Li-ion battery automatically begins.



- The orange charging indicator light is lit.
- When charging is finished, the charging indicator light goes off.



- It takes approximately three hours for the battery to recharge from a completely empty state to a fully charged state (with the printer turned off).
- Charge the battery in an ambient environment with a temperature between 5 and 40 °C/41 and 104 °F. (The battery will not recharge if the ambient temperature is outside this range.)
If the temperature moves out of the above range during the charging process, the charging stops and the charging indicator light goes off.
- When you use the printer with Bluetooth, we recommend turning off the power during the charging process. When the printer enters Bluetooth sleep mode, the sleep mode continues to consume battery power even after battery charging has finished and the battery is fully charged.

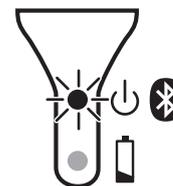
3 After charging is finished, disconnect the AC adapter.



The printer cannot be operated solely with the AC adapter. The rechargeable battery must be installed.

Indicator lights

A blue or green status indicator light indicates the printer is operating correctly, while a red light indicates an error has occurred.



When the status indicator light is green, only the USB interface can be used. When the light is blue, the Bluetooth and USB interfaces are available for communication; however, when a connection has been established using one of the interfaces, data cannot be received using the other interface until printing has finished.

Indicator light color	Indicator light status	Printer status
Blue	Constantly lit	Waiting to receive data (using Bluetooth or USB)
	Flashing	Receiving data (using Bluetooth)
	Flashing in long intervals	Sleep mode (power-saving standby state, only available when receiving data using Bluetooth)
Green	Constantly lit	Waiting to receive data (using USB)
	Flashing	Waiting to receive data (using USB)
Red	Flashing	As error has occurred (→ see page 9 (1)).
	Constantly lit	A system error has occurred (→ see page 9 (2)).

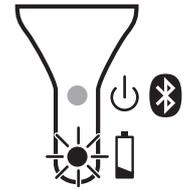
- ① If an error has occurred (a red light flashes), check for the following causes:

Error description	Remedy
<p>No paper cassette has been loaded. The paper cassette has been loaded facing in the wrong direction. There is no more paper.</p>	<p>Correctly install a paper cassette containing paper (→ see page 14). Remove the paper cassette once, or turn off and on the printer to clear the error.</p>
<p>A paper misfeed occurred.</p>	<p>Remove the misfed paper (→ see page 22). If you do not remove the misfed paper after turning off and on the printer, the error persists. Clean the paper feed roller and remove paper powder (→ see page 21).</p>
<p>A transmission error occurred.</p>	<p>Check the transmission status (→ see page 17). Wait for a few seconds. If the printer has recovered from the error, resend the data to resume printing. If the printer does not recover during a Bluetooth connection, re-establish the connection.</p>
<p>An overheat error occurred.</p>	<p>The inside of the printer has started to overheat. Wait until it cools down. If an overheat error has occurred during the printing process, the paper being printed is fed and discharged.</p>

- ② If a system error has occurred (indicated by the lit red light) ...
The printer may be damaged. Contact your Brother dealer or Brother Customer Support. (→ See the *Product Safety Guide*.)

■ Charging indicator light

You can check the status of the power supply by observing the charging indicator light.
The charging indicator light has two functions.



- ① Indicating the charging status (when the AC adapter is connected)

Indicator light status	Printer status
Constantly lit	Charging
Off	Finished charging
Flashing	Malfunctioning battery

- ② Indicating the battery level (while running with the Li-ion battery)

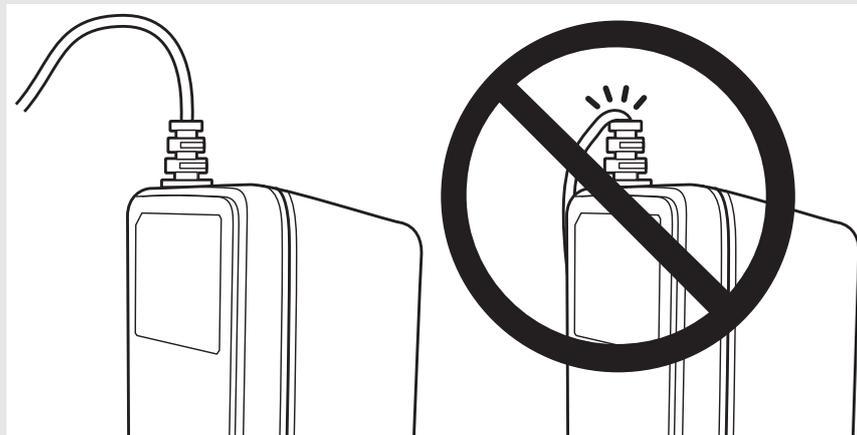
Indicator light status	Battery level
Off	60% or more charged
Flashing once	Less than 60% charged
Flashing twice	Less than 30% charged
Continues to flash three times	Almost empty



- To increase battery lifetime, try to discharge the battery completely before recharging it.
- Wait until the light continues to flash three times before recharging the battery.
- Due to the characteristics of batteries, even though the battery is fully charged, using them in low temperature locations greatly reduces the number of printouts that can be made.
- In order to maintain the efficiency and life of rechargeable batteries, remove the AC adapter from the printer when charging is completed.
- Storing the rechargeable battery in a location exposed to high temperatures will cause it to deteriorate. Do not store the battery in a location exposed to direct sunlight or high temperatures (such as inside a vehicle, near a heater, or on a heated carpet).



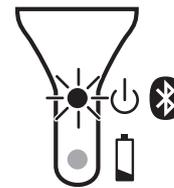
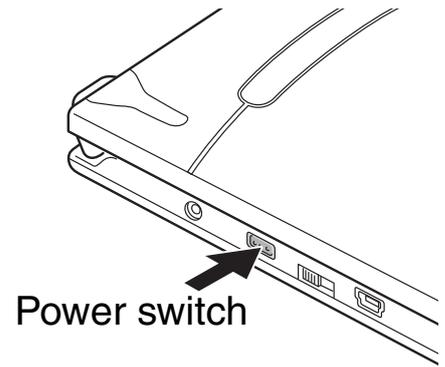
- This printer is powered with a rechargeable Li-ion battery. If the printer can only be used for a short period of time even though the battery is fully charged, the battery may have reached the end of its service life. Replace the rechargeable Li-ion battery with a new one.
- To protect the circuitry, the battery cannot be charged if the unit is in a location exposed to extremely high or extremely low temperatures.
- Do not wind the AC adapter cord around the adapter or bend the cord, otherwise the cord may be damaged.



Turning the printer on/off

Press and hold the power switch for a short while.

- Press and hold the power switch until the green or blue status indicator light is lit.
- When the printer is turned on, the status indicator light is:
Green (if Bluetooth is switched off)
Blue (if Bluetooth is switched on)



To prevent the printer from accidentally being turned on, it does not turn on if the power switch is lightly pressed.

■ Auto sleep

(with Bluetooth switched on):

If there is no operation or data transmission for a set time period, the printer automatically enters the sleep mode. The length of time until the printer automatically enters the sleep mode can be specified from Printer Properties > Device Setup > Utilities (→ see the *Software User's Guide*).

■ Auto power-off

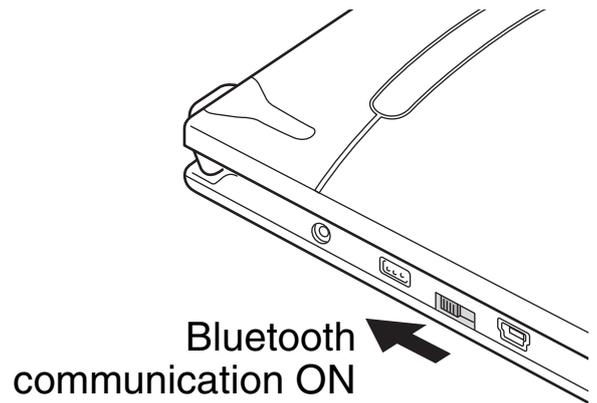
(with Bluetooth switched off):

If there is no operation or data transmission for a set time period, the printer automatically turns off. The length of time until the printer automatically turns off can be specified from Printer Properties > Device Setup > Utilities (→ see the *Software User's Guide*).

Using Bluetooth

Use the Bluetooth switch to select whether to use Bluetooth communication.

→ Turn on the Bluetooth switch to transmit data using Bluetooth.



When data is printed using a USB, we recommend turning off the Bluetooth switch to save power.



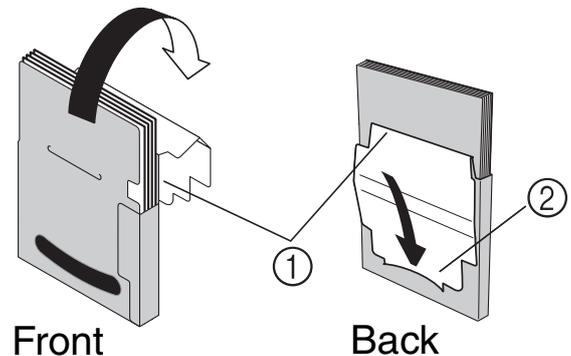
- Wireless connections are used in a wide range of fields. Therefore, to prevent malfunctions, turn off Bluetooth in the following areas or locations:
 - Hospitals
 - Aircraft
 - Locations containing flammable substances, such as gasoline or petrol stations
 - Fire alarms
- Bluetooth connectivity varies greatly according to the operating environment. If a good connection cannot be achieved, try connecting again. Connections are difficult to achieve in the following locations:
 - Near electronic equipment
 - Near broadcasting stations or wireless base stations
 - Near a wireless LAN (IEEE 802.11)
- Equipment using Bluetooth technology may take a few seconds until the Bluetooth functionality can be used after it is turned on. The length of time differs depending on the equipment.
- If the printer becomes disconnected because the iPad/iPad Air/iPad mini/iPhone/iPod touch is moved away from the printer, select "Bluetooth" in the device settings, and then tap the device you want to connect to from the list of Bluetooth devices.

Preparing the paper cassette

Use only the paper cassette designed exclusively for this printer. Use of any other paper may cause paper misfeeds or damage the printer main unit.

Prepare the paper cassette before loading it into the printer.

- 1** **Firmly** fold the lid back along the fold ①.



Make sure the lid is firmly folded, otherwise a paper misfeed may result.

- 2** Insert the tab on the lid into the slit ② at the back of the cassette.



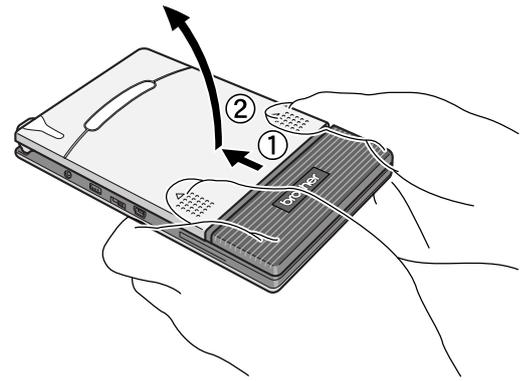
Handling the paper cassette

- This printer determines the paper type depending on the loaded paper cassette, then automatically selects the settings appropriate for that type of paper. Do not transfer paper to a different paper cassette.
- Do not reuse paper, or return paper to the paper cassette after it is removed,
- The paper cassette is made of cardboard. After finishing using the paper cassette, dispose of it according to local regulations.
- Do not use a torn or deformed paper cassette, otherwise damage may result.
- When storing the paper cassette, be sure to close its lid.
- Use the paper as quickly as possible, otherwise it may become discolored.

Loading the paper cassette

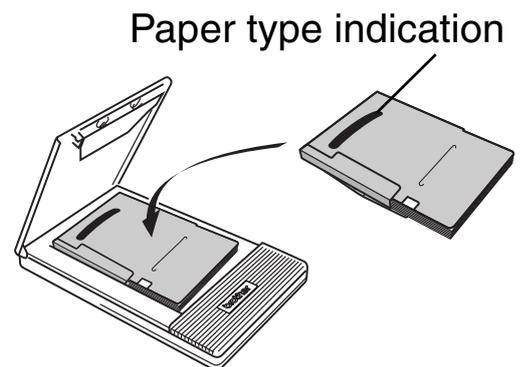
1 Slide the paper cassette cover (on the top of the printer) in the direction indicated by ①.

→ The paper cassette cover will open in the direction indicated by ②.



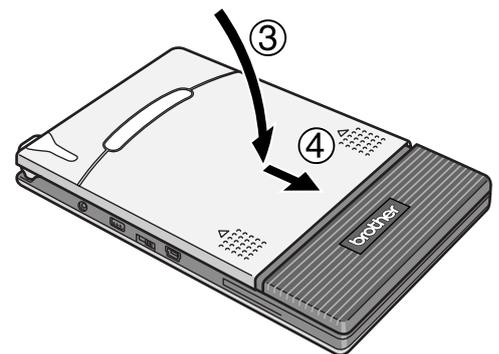
2 Insert the paper cassette.

The paper type indication on the paper cassette should face up. The end of the paper should point toward you.

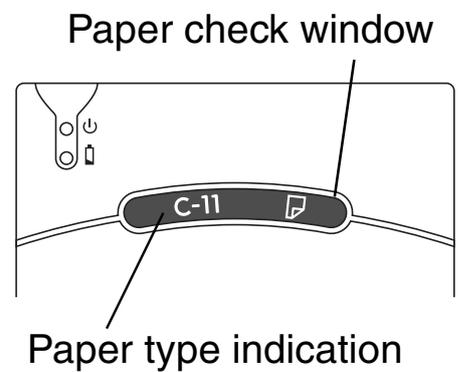


- When loading the paper cassette, make sure it is correctly aligned and the end of the paper is not folded, otherwise a paper misfeed may result.
- When exchanging the paper cassette, disconnect the AC adapter and USB cable in advance.

3 Close the paper cassette cover in the direction indicated by ③.



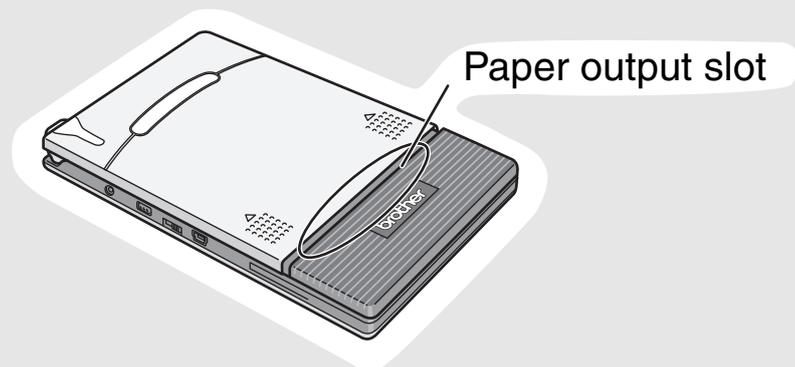
4 Slide the paper cassette cover in the direction indicated by ④. If the paper cassette is correctly loaded, the paper type indication on the cassette can be seen through the paper check window.



→ The paper cassette cover is locked.



- Do not remove the paper from the paper cassette and load it directly into the printer.
- To change the paper type, load a different paper cassette.
- While the printer is printing, do not apply pressure to the paper output slot or place anything on the printer.



If paper is not correctly fed, see page 21.

Communication Using Bluetooth Technology

■ Precautions for printing data using Bluetooth

If using a computer, make sure the Bluetooth function is available for the computer or mobile device before installing the printer driver for the printer.



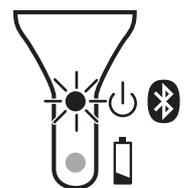
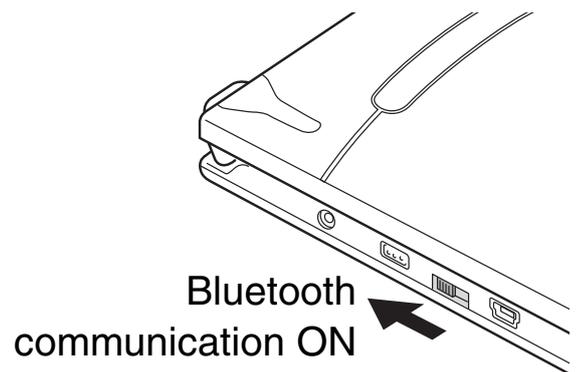
The following instructions outline the basic procedures to make a Bluetooth connection. For details, see the instruction manual for your Bluetooth device, such as a computer, mobile device, or adapter, and for Bluetooth management software.

Establishing a Bluetooth connection

The following describes the basic procedure for setting up transmission between the printer and the mobile device using Bluetooth. For more information, see the instruction manual for the mobile device.

- 1** Slide the Bluetooth switch to activate Bluetooth.

→ The status indicator light is lit in blue.



2 On the computer or mobile device, open the screen used for establishing a Bluetooth connection.

3 Search for Bluetooth devices from the Bluetooth connection screen.

→ "MW-145MF_*****" should be found, where "*****" is the last four digits of the printer serial number.

4 Select this printer from the list of Bluetooth devices found, and establish the connection.

→ When connecting the computer or mobile device to this printer for the first time, you are requested to enter the PIN (or password).



Depending on the Bluetooth device, you may also be requested to enter the PIN at the second and following connections.

5 Enter the PIN (or password or passcode) (this is the last four digits of the printer serial number designated by factory settings).

→ The printer is registered as a connected device in the Bluetooth connection screen.

6 When a computer is used, select "serial port" as the connection method to the printer in the Bluetooth connection screen.



Note the COM port number when it appears. (Depending on the type of the computer or mobile device, the COM port number may be required for printing.)

Installing on a computer

Before using the printer, install software, such as the printer driver and P-touch Editor label creation software.

Installable software and documents:

■ P-touch Editor

P-touch Editor 5.1 enables you to create various labels with complex layouts using fonts, templates, and clip art.

■ P-touch Update Software

Use this software when updating P-touch Editor.

■ Printer Setting Tool

Use this tool to set up P-touch templates.

■ Printer driver

Use this driver to print data from the printer.

■ Manuals

- 1** You can download the software installer from the Brother website (<http://www.brother.com/inst>).
- 2** Double-click the downloaded ".exe" file and follow the on-screen instructions to start installation.

Before installation begins, you are prompted to select software and manuals in the dialog box that presents items to be installed.

Recommended software and manuals have been selected by default.

- 3** Follow the on-screen instructions to complete installation.

Appendix

Maintenance



Turn off the printer before cleaning it.

■ Cleaning the surface of the printer

Clean off any dust or other dirt from the printer by wiping it using a soft, dry cloth.

If the printer is extremely dirty, wipe it using a slightly damp cloth.

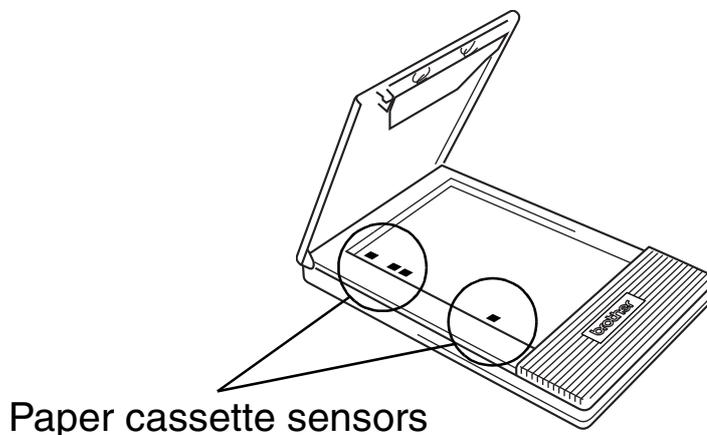


Do not use benzene, paint thinners, or any other solvents, otherwise the printer may become discolored or deformed.

■ Cleaning the paper cassette sensors

If the cassette sensors are dirty, they cannot correctly detect the paper cassette, and a malfunction may result.

Clean the paper cassette sensors with a dry cotton swab.

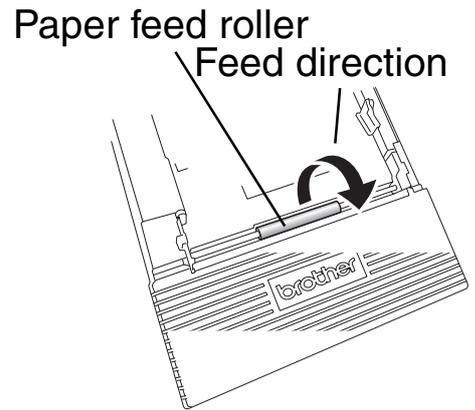


■ Cleaning the paper feed roller

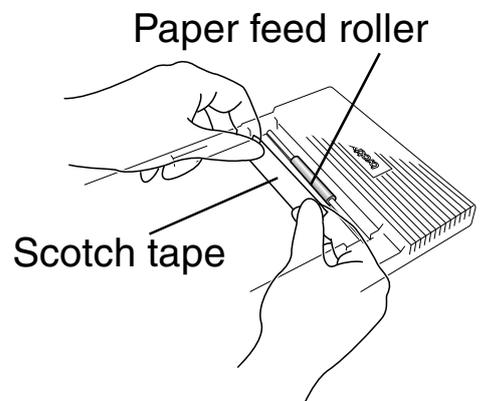
If the paper is not fed correctly, clean the paper feed roller.

1 Open the paper cassette cover.

2 Rotate the paper feed roller in the feed direction until it stops.



3 Attach a piece of Scotch tape to the paper rubber feed roller.



4 Remove the Scotch tape carefully, and turn the paper feed roller 3-4 mm/0.1-0.2" in the opposite direction of the feed direction.

→ Any dirt on the paper feed roller is removed with the tape.

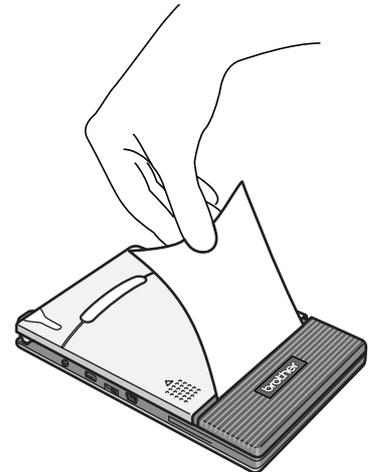
5 Repeat steps 3 and 4 until the paper feed roller is clean.

If a paper misfeed occurs

Remove the paper according to the following procedure.

■ If the paper has been fed out of the paper output slot:

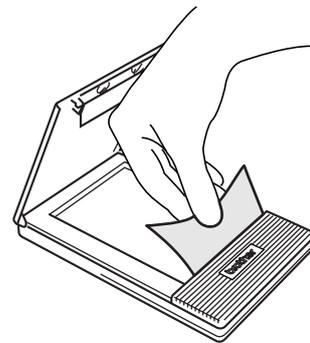
Pull the paper out of the paper output slot. Clean the paper feed roller and remove paper powder (→ see page 21).



When pulling the paper out, be careful not to tear it.

■ If the paper has not been fed out of the paper output slot:

- 1** Open the paper cassette cover.
- 2** Remove the paper cassette.
- 3** Pull out the misfed paper. Clean the paper feed roller and remove paper powder (→ see page 21).



When pulling the paper out, be careful not to tear it.



Pulling the paper out does not adversely affect the printer's operation.

Replacing the battery

Danger



- Do not use this printer with any rechargeable battery other than that specified (BT-100), otherwise a fire or damage may result.

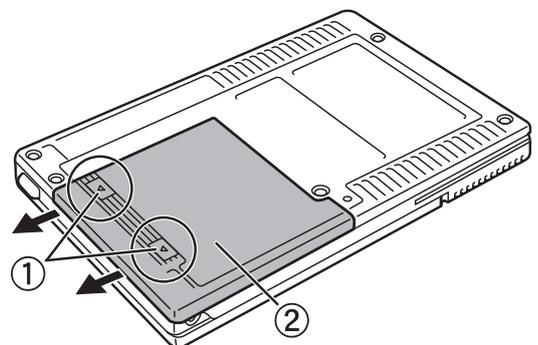


- When handling the rechargeable battery, see the instructions in the *Product Safety Guide*.



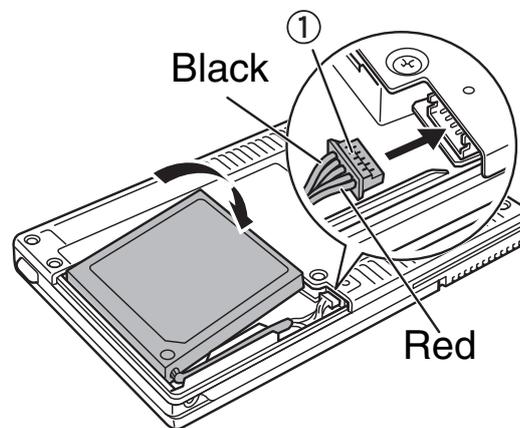
- Do not disassemble the rechargeable battery.
- The battery connector should not be frequently unplugged and reconnected, otherwise it may be damaged or the battery cord may break. The battery must only be removed when replacing it at the end of its service life, or when the printer will not be used for a long period of time.

1 Press the area indicated by ① on the battery cover ② and slide it off the printer.



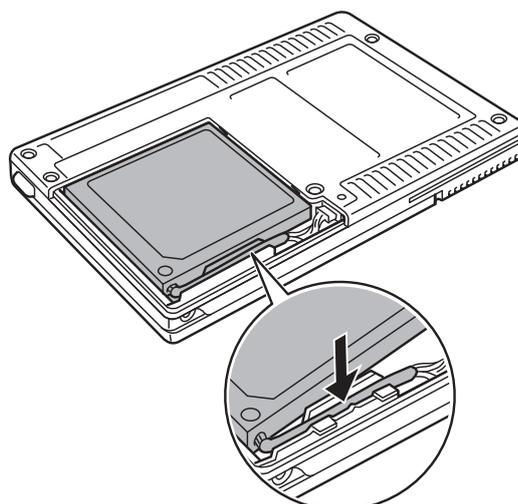
2 Remove the old battery and disconnect the battery cord connection.

3 Insert the connector ① of the battery in the direction shown at right.

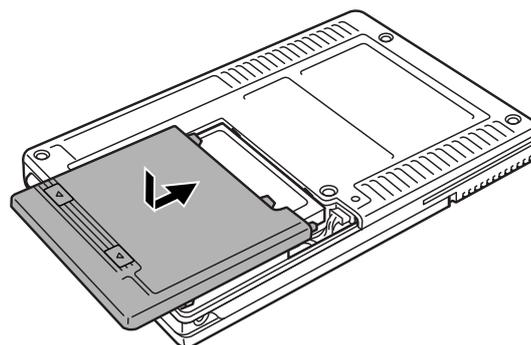


- Insert the connector fully, without using excessive force.
- Be sure to insert the connectors in the correct orientation, otherwise it may be damaged.

4 Fit the battery cord into the groove as shown in the illustration.



5 Install the battery cover by sliding it onto the back of the printer.



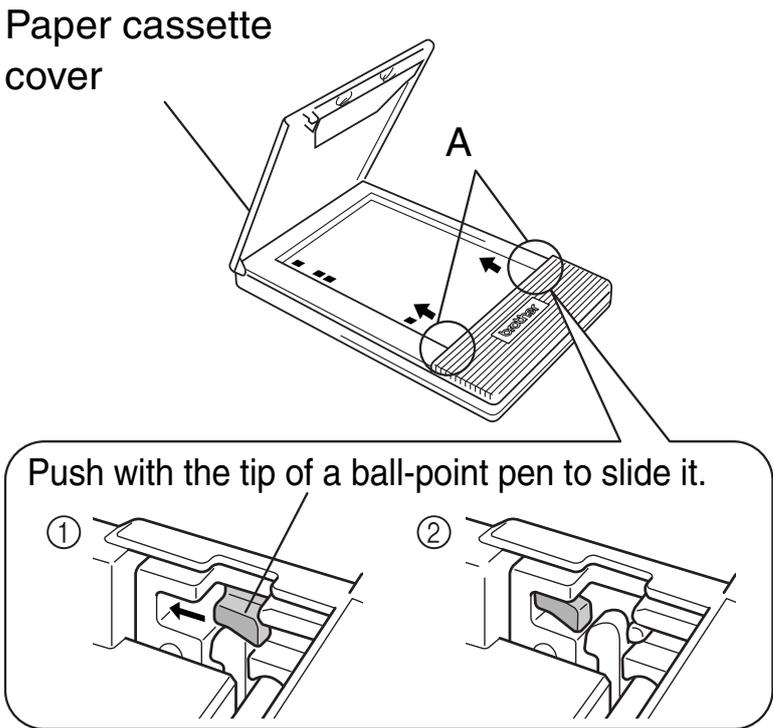


- Be careful that you do not catch the battery connector cord.
- When handling the rechargeable battery, see the instructions in the *Product Safety Guide*.
- Disposal of the Li-ion battery
To protect valuable resources, do not dispose of used batteries; instead, take them to your local recycling shop that handles rechargeable batteries or to the Brother battery collection center. When disposing of the battery, do not remove the plating, or disassemble the battery. When sending the battery to the Brother battery collection center, you will be required to pay the shipping cost. For more information about the Brother battery collection center, see the *Product Safety Guide*.

Troubleshooting

Symptoms and remedies

Symptom	Remedy
The printer cannot be turned on.	Press and hold the power switch for a short period of time (→ see page 12). The rechargeable Li-ion battery needs recharging (→ see page 7).
Although the print command was issued, the printer does not print.	<ul style="list-style-type: none">• With a Bluetooth connection:<ul style="list-style-type: none">· Make sure a valid Bluetooth connection is available to the computer or mobile device (see the instruction manual for the computer or mobile device).· Make sure another computer or mobile device is not transmitting data to the printer using a USB or Bluetooth (→ see page 17).• With a USB connection:<ul style="list-style-type: none">· Check the printer is securely connected to the computer or mobile device with the USB cable.· Make sure another computer or mobile device is not transmitting data to the printer using a USB or Bluetooth (→ see page 17).
A paper misfeed has occurred.	Remove the misfed paper carefully (page 22). Clean the paper feed roller and remove paper powder (→ see page 21).
Even after the misfed paper was removed, the error cannot be cleared.	There may still be some torn paper in the printer. Contact your Brother dealer or Brother Customer Support. (→ See the <i>Product Safety Guide</i> .)
An indicator light is lit or flashing.	See <i>Indicator Lights</i> on page 8.

<p>The paper does not feed.</p>	<ul style="list-style-type: none"> • Make sure the lid of the paper cassette is firmly folded along the fold (1) (→ see page 14). • Make sure the paper cassette cover is securely closed (→ see page 16). • The paper may be dirty. Pull out the first sheet from the back of the paper cassette, and then load the paper cassette again (→ see pages 14 to 22).
<p>The print is faint (light).</p>	<p>Make sure the paper cassette cover is securely closed (→ see page 16).</p>
<p>The paper cassette cover cannot be closed.</p>	<p>The parts indicated by "A" in the illustration below have become stuck. See the illustration and use the tip of a ball-point pen to slide the indicated part in the direction of the arrow to free it.</p> <p>Paper cassette cover</p>  <p>Push with the tip of a ball-point pen to slide it.</p> <p>①</p> <p>②</p> <p>Free the part on the opposite side using the same method.</p>

Product specifications

Printer specifications

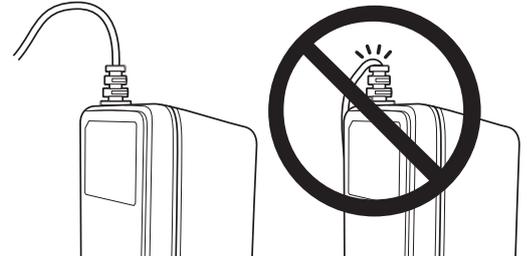
Model name	MW-145MFi	
Indicators	Status indicator light (blue/green/red)	
	Charging indicator light (orange)	
Printing	Method	Direct thermal printing with a line thermal print head
	Resolution	300 dpi x 300 dpi
	Print speed	15 seconds/sheet approx. (standard text on thermal paper with 7% coverage at an ambient temperature of 25 °C/77 °F)
	Number of printable pages	Up to 100 during continuous printing with a fully charged battery. ^{*1} Using Bluetooth sleep mode affects this figure. (standard text on thermal paper with 7% coverage at an ambient temperature of 25 °C/77 °F)
Paper supply method	Brother paper cassette, automatic paper feed mechanism	
Paper	Brother A7 cut paper (74 mm x 105 mm/2.9" x 4.1")	
Print area	69 mm x 100 mm/2.7" x 3.9" (C-51: 62 mm x 95 mm/2.4" x 3.7")	
Power supply	Li-ion battery (BT-100: 7.2V), charging adapter	
Interface	MW-145MFi Complies with USB Ver. 2.0 (Full Speed) and compliant with Bluetooth ver. 2.1 + EDR class 2 SPP iAP	
Dimensions	100 mm (W) x 160 mm (D) x 17.5 mm (H)/3.9" (W) x 6.3" (D) x 0.7" (H) (not including projection)	
Weight	300 g/0.66 lbs (including rechargeable Li-ion battery and a paper cassette containing 50 sheets of plain thermal paper)	

^{*1} Continuous printing of the Brother standard pattern (7% coverage) on A7 thermal paper C-11 with a new fully charged battery, using the USB interface at an ambient temperature of 25 °C/77 °F. At a lower ambient temperature, fewer pages can be printed.

Frequently Asked Questions

- I often wound the cable of the charging AC adapter around the adapter or bent the cable to move the adapter. This often causes the cable to break and the adapter to stop working.

→When carrying the AC adapter, securely bind the cable using a tie wrap to prevent any load from being applied to the cable.



- I often carried the printer with the USB cable connected to it. Doing so caused the USB connector to break and subsequently there is no USB connection available now.

→Disconnect the USB cable when carrying the printer. Even if you put the printer in a bag, if the USB cable is connected to it, a large amount of pressure will be applied to the USB connector when the cable moves inside the bag.

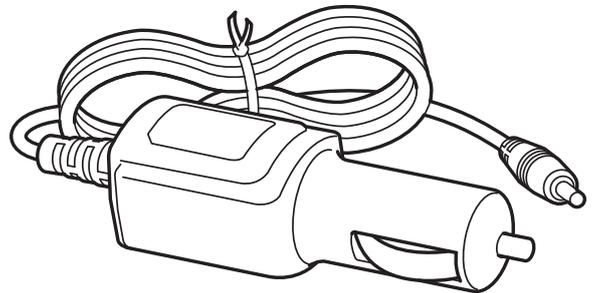
- When I left the printer in my car, the printer was affected by the high interior temperature and became deformed. Consequently, a malfunction occurred. Furthermore, the thermal paper turned black.

→The temperature inside a car may become extremely high. Do not leave the printer inside a vehicle.

- The printer can be used in the following environment:
 - Temperature: 0-40 °C/32-104 °F
 - Humidity: 20% to 80% (Maximum wet-bulb temperature: 27 °C/81 °F)

- Do not operate or store the printer in a location exposed to extremely high or extremely low temperatures, extreme humidity, clogging dust, or extreme vibrations, such as those:
 - Inside a vehicle (particularly in a closed car under a hot sun)
 - 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 moisture, such as rain or mist
 - In an extremely hot location, such as near naked flames, heaters, or in direct sunlight
 - In a location where condensation may form

→ An optional car adapter is provided but it is only for the purpose of charging the battery. Exposing the printer to high temperatures causes the paper to become discolored and the battery to deteriorate. Do not leave the printer inside a vehicle.



■ **I often pressed the power switch using a sharp object such as the tip of a pen, which might apply high pressure to the switch. The switch subsequently broke and did not function from that point.**

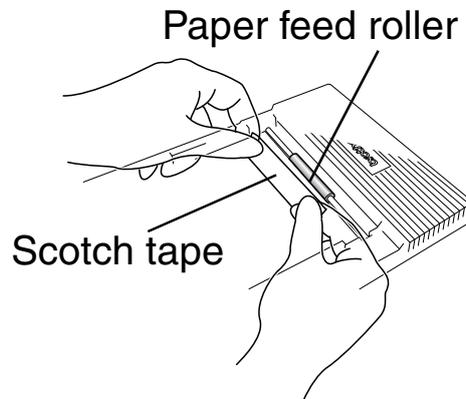
→ Press the power switch with your finger.

■ **I stamped a seal on printed text. The ink did not dry completely, and printed text was erased when I rubbed it with my finger.**

→ Stamping a seal on the heat-sensitive surface is not recommended. In addition, all stamp manufacturers do not recommend stamping a seal on heat-sensitive surfaces. Make sure you check this before using stamps. As is the case with ink, pens or adhesives such as Scotch tape may cause printed text to be erased.

■ **Paper cannot be fed, although there is still paper left in the cassette.**

- Contamination of the paper feed roller may prevent some sheets of paper from being picked up.
Use Scotch tape to remove dirt on the paper feed roller.



■ **To increase the life of the Li-ion battery:**

- We recommend discharging the Li-ion battery completely before recharging it. Avoid recharging the battery frequently before it is completely discharged. *
- Storing the rechargeable Li-ion battery in a location exposed to high temperatures will cause it to deteriorate. Do not store the rechargeable Li-ion battery in a location exposed to high temperatures (such as inside a closed car under a hot sun) or direct sunlight.
 - If you do not intend to use the printer for a long period of time, remove the rechargeable Li-ion battery from the printer, and then store the battery in a cool, dark place (at a temperature of 20 °C/68 °F or less) to maintain performance. As the battery discharges naturally, charge it once every three months while storing it in a cool, dark place. *

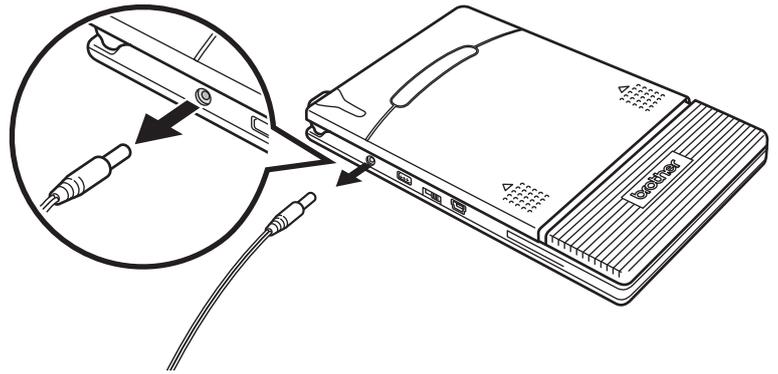
* **Caution:** About the battery level

When the charging indicator light repeats flashing once, the battery level is less than 30%.

- The battery connector should not be frequently unplugged and reconnected, otherwise it may be damaged or the battery cord may break. The battery must only be removed when replacing it at the end of its service life, or when the printer will not be used for a long period of time.

■ **The AC adapter connector on the printer has broken, and the battery cannot be recharged.**

→If you carry the printer with the AC adapter plug connected, the AC adapter connector on the printer may be damaged. To prevent this problem, remove the AC adapter plug from the connector whenever you carry the printer.



Carrying the printer with the AC adapter plug connected will subject the plug to a periodic force. The force applied to the plug generates a load on the connector on the printer, and solder in the connector may fracture and result in disconnection.

As the printer is a precision device, pay careful attention when removing or inserting the AC adapter plug.

■ **Using paper other than that genuine Brother paper may cause frequent paper feed errors.**

→For Brother mobile printers, make sure you use paper supplied by Brother. If other paper has been used, paper feed failures may occur frequently, which cannot be solved by cleaning the paper feed mechanism. For any failures caused by paper other than Brother paper, you will be liable for repair costs even if the charge-free warranty period is still in effect.

Incidentally, certain types of paper from other suppliers may not cause failures.

■ **Handling the paper cassette**

→The Brother mobile printer determines the paper type depending on the loaded paper cassette, then automatically selects the settings appropriate for that type of paper.

Do not transfer paper to a different paper cassette. Do not try to reuse paper that has already passed through the printer. Doing so may cause double feeding, empty feeding, or other types of paper feed errors, or cause a print head failure.

■ If the printer has been moved to a cool temperature environment:

→The printer may not work when the ambient temperature is lower than 0 °C/32 °F. In an ultralow temperature environment (at -10 °C/ 14 °F or lower), the number of printable pages becomes less. Print data from the printer in a location with an ambient temperature of 0 °C/32 °F or higher. If the printer has been moved to a cool temperature environment, gradually increase the temperature to be closer to the external temperature to prevent condensation from forming.

■ Storing thermal paper

[Storing before printing]

→Store thermal paper inside its packaging (protected from light and air) at an ambient temperature of 25 °C/77 °F and a humidity of 65% RH or lower. Use the paper within one year after the purchase date.

[Storing after printing]

→Store the (filed or unfiled) thermal paper in a cool and dark location at 25 °C/77 °F or lower.

[Precautions for storage]

- Do not allow the following items to come in contact with the heat-sensitive surface or back surface:
 - 1)Back carbon and carbonless paper, and diazotype paper
 - 2)Flexible polyvinyl chloride products, rubber mats, rubber erasers, and other materials containing plasticizer
 - 3)Adhesive tapes, correction fluids, permanent markers, and felt pens
 - 4)Organic compounds containing alcohol, ketone, ester, or the ether group
 - 5)Leather products, hand creams, hair products, and cosmetics
 - Do not soak the thermal paper in water, sweat, or other liquids.
 - Do not touch the thermal paper with wet or sweaty hands.
 - Do not glue the heat-sensitive surface. When gluing the back surface, use starch, poval, CMC, or other waterborne adhesives.

- When the heat-sensitive surface or back surface is stamped with a seal, the white heat-sensitive surface will become discolored or the printed part may fade due to a chemical reaction with the ink contents.
- Do not scratch the heat-sensitive surface or apply frictional heat to it.
- Copy your important documents and store the copies separately.

[Precautions regarding thermal paper]

1. Descriptions concerning short- and long-term storage of the thermal paper after being printed are primarily intended as general information. Brother does not guarantee the relevant numeric values, service life, or other descriptions.
2. The printing performance described herein may be affected by the paper storage environment, the presence of grease or contamination, printing environment, and other factors. Therefore, check the actual printing performance in your environment after you purchase the printer, and then use the printer under your own responsibility.
3. Brother assumes no responsibility for any damage or lost profits that result from observing the contents of this document.

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