



LBP-810 Laser Printer

Getting Started Guide

IMPORTANT:

Read this manual carefully before using your printer.
Save this manual for future reference.

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In this manual, Microsoft[®], Microsoft[®] Windows[®], and Microsoft[®] Windows NT[®] are referred to as Microsoft, Windows and Windows NT respectively.

Contents

Using Your LBP-810 Documentation	4
Conventions	4
Using the Online Documentation	5
Checking the Package Contents	6
Identifying the Parts	7
Front View	7
Rear View	7
Selecting the Printer Location	8
Carrying the Printer	8
Installing the EP-22 Cartridge	9
Inserting/Removing the Paper Supports	13
Connecting the Printer to Your Computer	14
Parallel Cable	14
USB Cable	15
Connecting to the Power Supply	17
Selecting Paper Delivery	18
Face-down Delivery	18
Face-up Delivery	18
Loading Paper into the MP Tray	19
Installing the CAPT	21
Windows 95/98/Me CD-ROM Installation	21
Canon CAPT Tools Group	26
Printing	26

Using Your LBP-810 Documentation

Congratulations on your purchase of the Canon LBP-810 Laser Printer. Your printer comes with the following documentation:

- ❑ **The LBP-810 Getting Started Guide** (This Guide)
Describes how to set up the printer and install the printing software (CAPT). Read this manual first before operating your printer. The *Getting Started Guide* is also available online (PDF).
- ❑ **The LBP-810 User's Guide** (PDF)
Describes the printer's features and its basic operation. The *User's Guide* is available online. Use this manual when you need a quick reference help.
- ❑ **Help**
Provides help for the CAPT (Canon Advanced Printing Technology). Use Help to get more information while operating the printer.
- ❑ **CD-ROM Menu Help**
Provides help for using the CD-ROM Menu.
- ❑ **Readme File**
Contains last-minute information about the Canon LBP-810 printer.

Conventions

This guide uses the following conventions:



CAUTION:

Indicates precautions that must be observed to prevent possible injury.



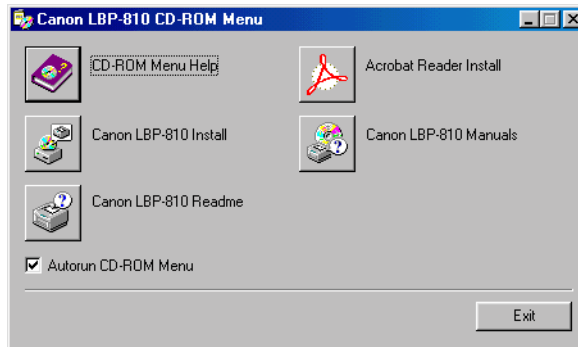
Indicates that neglecting the suggested procedure or practice could result in damage to the printer.



Indicates notes and memos containing useful tips or detailed information.

Using the Online Documentation

To read the PDF files, insert the compact disc in your CD-ROM drive. The CD-ROM menu appears automatically.



To access the CD-ROM Menu Help, click the CD-ROM Menu Help button.

To access the LBP-810 Documentation, click the Canon LBP-810 Manuals button. To read the manual, you must have Adobe Acrobat Reader installed.

To install Adobe Acrobat Reader, click the Acrobat Reader Install button, and select the language folder you want to install. Double-click the .EXE file in that folder. Adobe Acrobat Reader will install in the language you selected. For help using Acrobat Reader, select the *Online Guide* in the Acrobat Reader Help menu.

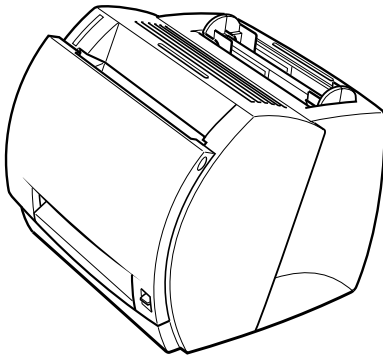
System Requirements

Before installing the LBP-810 Laser Printer's printing software, make sure your computer has the following minimum configuration:

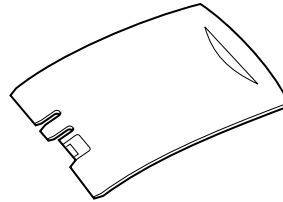
- Pentium PC running Windows 95/98/Me or Windows NT 4.0/2000. A Pentium 200 MMX processor or faster is recommended.
- 16 MB of RAM (32 MB for Windows NT 4.0/2000) and 15 MB of available disk space. 24 MB of RAM (48 MB for Windows NT 4.0, 128MB for Windows 2000) is recommended.
- Monitor with a resolution of 640 x 480, showing at least 16 colors.
- A standard USB or parallel port and a CD-ROM drive.
- Sound card (if you want to hear audio messages).

Checking the Package Contents

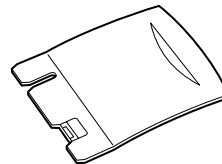
As you unpack the printer, save the carton and packing materials in case you want to move or ship the printer in the future.



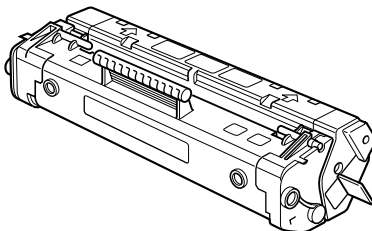
LBP-810 Printer



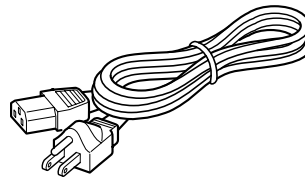
Input paper support



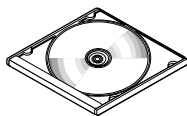
Output paper support



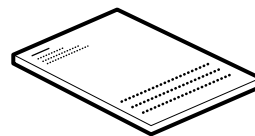
EP-22 cartridge



Power cord
(Example: 120V Model)



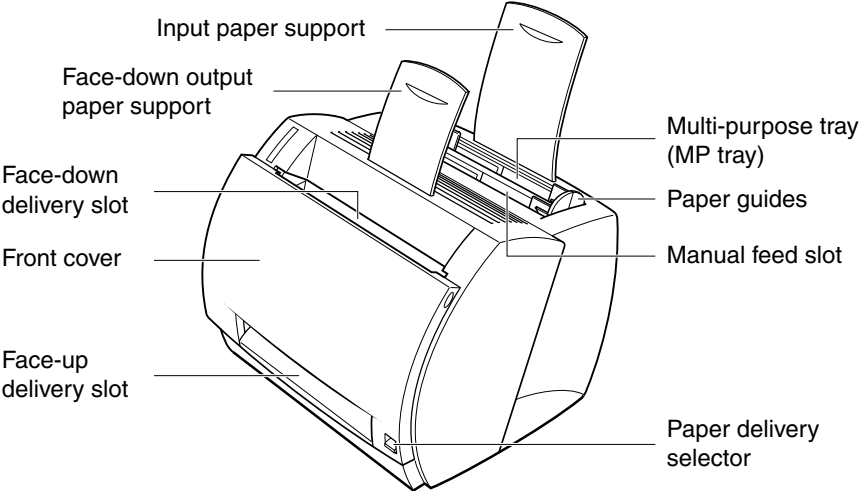
CD-ROM disc



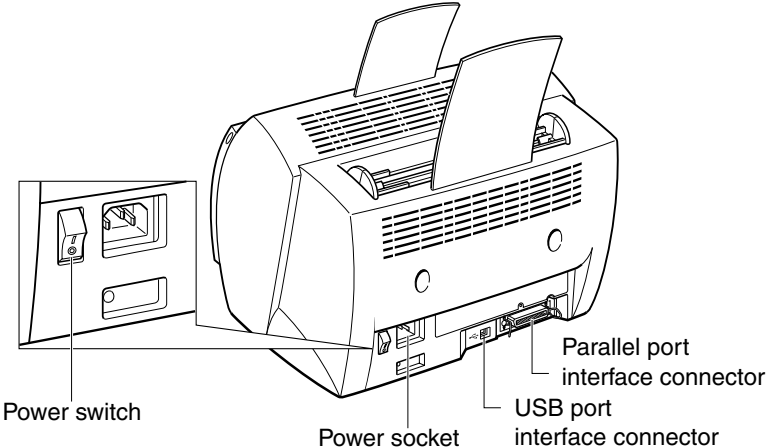
Documentation
(*Getting Started Guide*)

Identifying the Parts

Front View



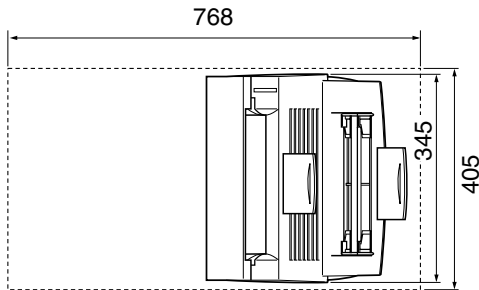
Rear View



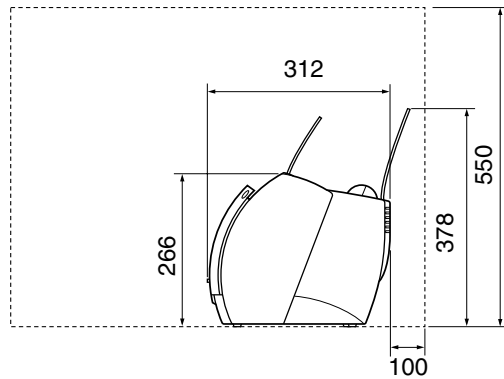
Selecting the Printer Location

When selecting a site for the printer, the location should provide ample space for ventilation and easy servicing of the printer. Use the dimensional diagrams below for space considerations. (Dimensions are in millimeters.)

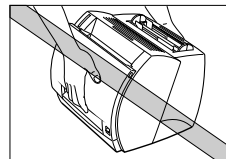
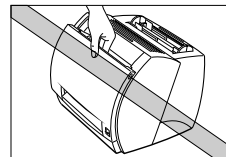
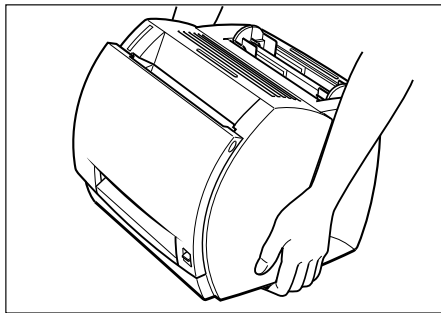
Top view



Side view



Carrying the Printer



CAUTION:

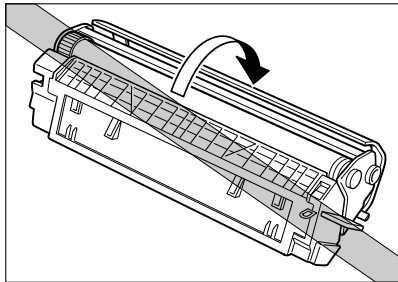
Do not carry the printer by holding the front panel, the face-up delivery slot, or by holding it at the front and rear. This could result in damage to the printer or personal injury if the printer is dropped.

Installing the EP-22 Cartridge

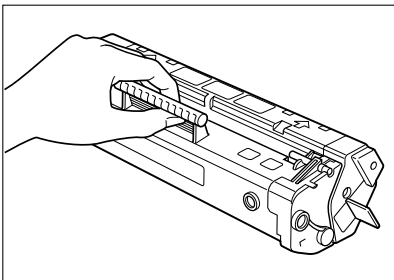
The EP-22 cartridge contains a photosensitive part called the “drum,” which has characteristics similar to photo film. It also contains black carbon powder called “toner.” The drum is extremely sensitive to light and may deteriorate if exposed to light. Poor print quality can result if the toner becomes caked or unevenly distributed inside the cartridge.

Follow the instructions below when handling the cartridge.

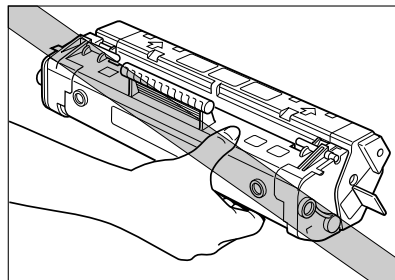
- Do not open the protective bag containing the cartridge until you are ready to install it in the printer.
- Save the protective bag. You may need to repack and transport the cartridge at a later date.
- Do not expose the cartridge to direct sunlight. Do not expose it to bright light or room light for more than 5 minutes.
- Do not open the drum’s protective shutter on the cartridge. If the shutter is open and the drum is damaged, print quality may deteriorate.



- Do not touch the drum’s protective shutter.



Correct handling



Incorrect handling

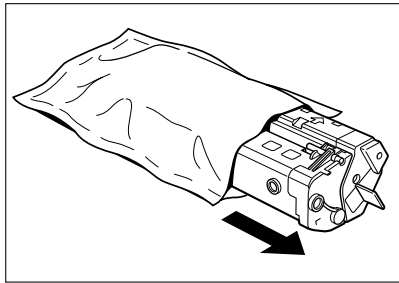
- ❑ Do not stand the cartridge on end, or turn it upside down. Toner could become caked in the cartridge resulting in poor print quality.
- ❑ Keep the cartridge away from a monitor's cathode ray tube (CRT), disk drives, and floppy disks. The magnet inside the cartridge can destroy the image data in the CRT, or data on the disks.



CAUTION:

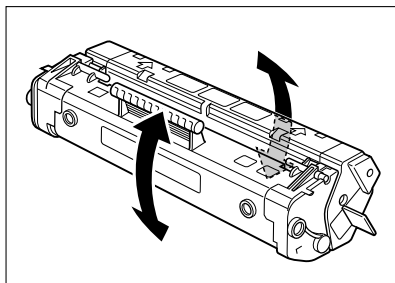
Do not dispose of toner cartridges in fire. Toner powder is flammable.

1. Remove the cartridge from its protective bag.

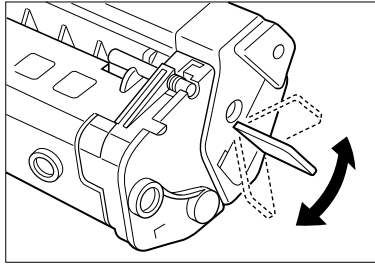


Save the protective bag. You may need to repack and transport the cartridge at a later date.

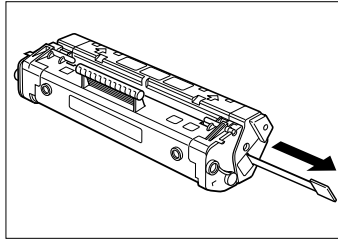
2. Gently rock the cartridge from side to side five or six times. This evenly distributes the toner inside the cartridge. Uneven toner distribution causes poor print quality.



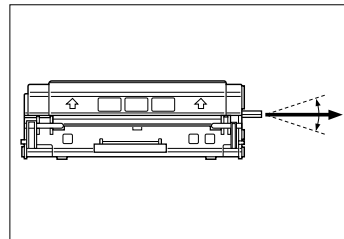
- Place the cartridge on a sturdy surface. Snap the tab at the end of the cartridge backwards and fold it back and forth until it is loose.



- While holding the cartridge firmly with one hand, pull the sealing tape in the direction indicated in the illustration below.



Pull in this direction

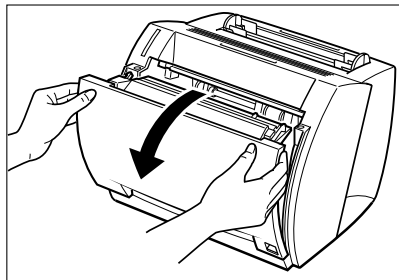


Pull within this angle

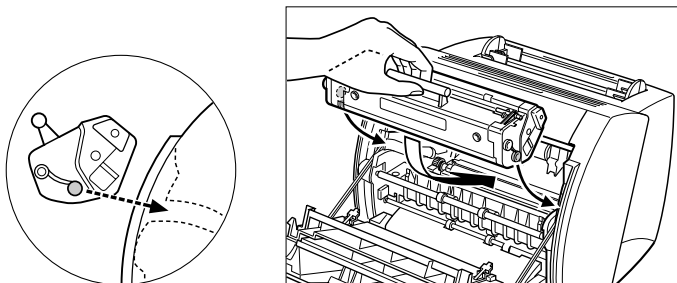


The tape may snap if pulled in a direction wider than the indicated angle.

- Grasp the top of the front cover on both sides, then gently pull until the cover is fully open.

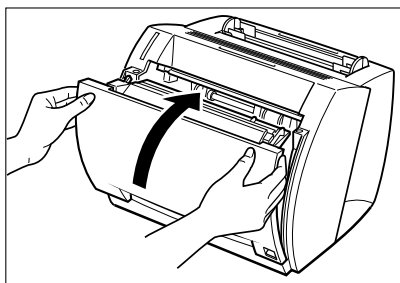


6. Insert the cartridge into the printer along the guides. Make sure that the cartridge slides all the way inside the printer.



Do not touch the drum's protective shutter.

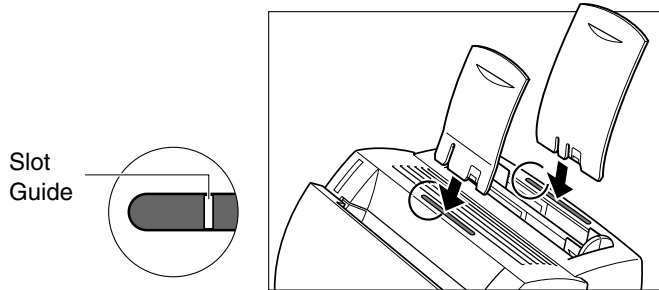
7. Always close the front cover immediately after inserting a cartridge.



Do not leave the front cover open. Exposure to light can damage the cartridge's drum.

Inserting/Removing the Paper Supports

Insert the paper supports firmly into the slots at the front and back of the printer. The slots have guides to ensure the correct support is in the correct slot.



Supports should curve slightly towards the rear of the printer. Do not insert a support so that it curves towards the front of the printer.

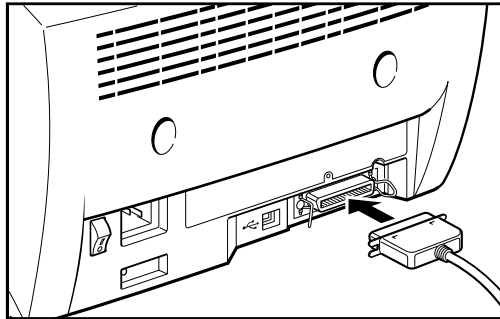
To remove the paper supports, lift them out of the slots.

Connecting the Printer to Your Computer

Parallel Cable

Before connecting the printer to your computer, make sure the power to your computer is turned off.

1. Connect one end of the interface cable to your printer. Secure the cable by snapping the two wire clips on the printer into the cable connector.



CAUTION:

Before connecting or disconnecting the interface cable, make sure that the printer is turned off and that the power cord is unplugged from the printer.

2. Connect the other end of the interface cable to the computer.



You must use a bi-directional cable for proper operation of the printing software (CAPT).

USB Cable

USB (Universal Serial Bus) is a new standard for a computer and peripherals.



-
- Do not connect/disconnect a USB cable in the following states:
 - The printer driver is being installed.
 - The starting period of Windows after turning on a computer.
 - The printer is performing a printing action.
 - You can connect/disconnect a USB cable even when the computer or the printer is turned on. However, if the cable is connected/disconnected in the states shown above, the computer and the printer may not function properly.
 - Connect/disconnect a USB cable at least five seconds after it was disconnected/ connected.
 - When the computer or the printer is turned on, be sure to connect/disconnect a USB cable at least five seconds after it was disconnected/ connected. If you connect/disconnect a cable soon after it was disconnected/connected, the printer may not function properly.
-



In order to use the printer via USB, the following requirement needs to be satisfied.

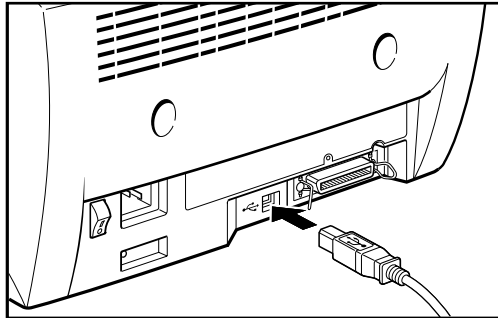
- Your computer must be equipped with a USB port and it is necessary that its operation is approved by the manufacturer.
-



CAUTION:

Before connecting the printer to the USB interface, be sure to connect the grounding cord to evade electrical shock. Never connect the grounding cord to gas pipes, water pipes, telephone line groundings, lightning rods, etc., to evade fire or electrical shock. Do not touch the metal surface of a USB plug when connecting/disconnecting a USB cable. It may cause electrical shock.

1. Connect the square shape plug of the USB cable to the USB interface at the rear of the printer.



2. Connect the flat shape plug of the USB cable to the USB port of the computer.

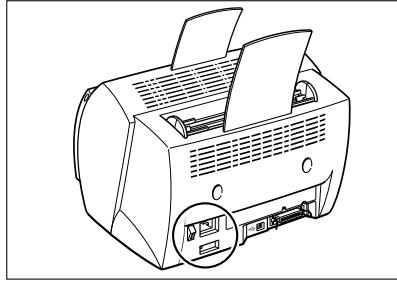
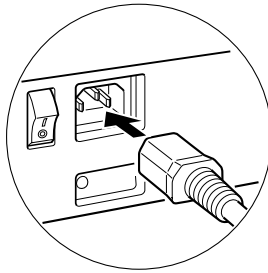


A dialog box to start the installation of the USB class driver may appear when connecting a USB cable to your computer in the state the printer is turned on. Refer to **Plug and Play** in the *User's Guide*.

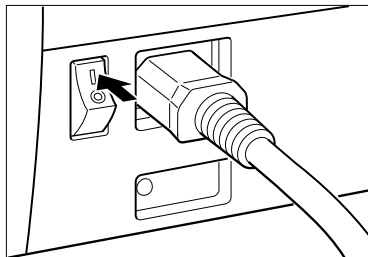
Connecting to the Power Supply

Before inserting the plug, make sure that the rating indicated on the printer matches the voltage of the AC outlet.

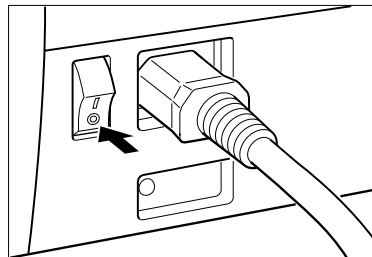
1. Plug the power cord into the power socket.



2. Connect the other end of the power cord to the AC outlet.
3. Turn on the printer by pressing the **I** mark. Turn off the printer by pressing the **O** mark.



On position



Off position

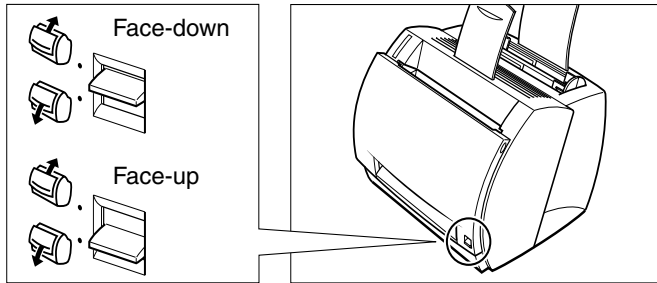


If the power does not turn on even when the printer is plugged into an AC outlet, check the following items:

- Close the front cover if open.
- Make sure the EP-22 cartridge is installed.
- If the EP-22 cartridge is already installed, remove and reinstall it.
- To reset the printer, turn off the power using the power switch, and unplug the power cord. Wait two seconds or more, then connect the printer to the AC outlet again.

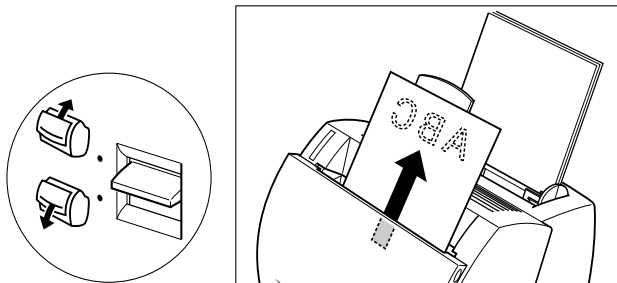
Selecting Paper Delivery

Use the paper delivery selector to choose face-up or face-down delivery.



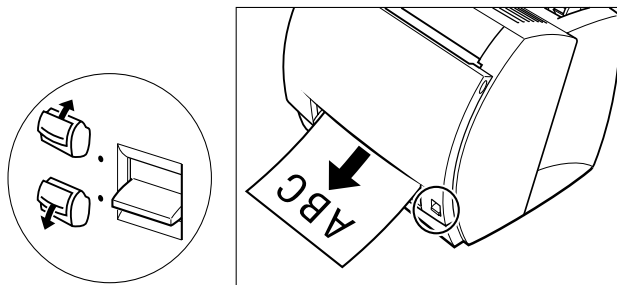
Face-down Delivery

Use face-down delivery for plain paper only.



Face-up Delivery

Use face-up delivery for envelopes and transparencies, as well as other special paper, including non-standard sized plain paper.



Loading Paper into the MP Tray

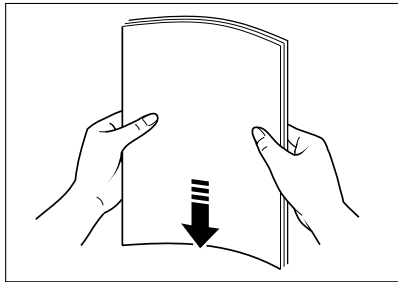
The MP (multi-purpose) tray can hold up to approximately 125 sheets of 75 g/m² paper for high-volume printing. Acceptable paper sizes are Legal, Letter, A4, Executive, and B5.

Follow the steps below to load a stack of paper.

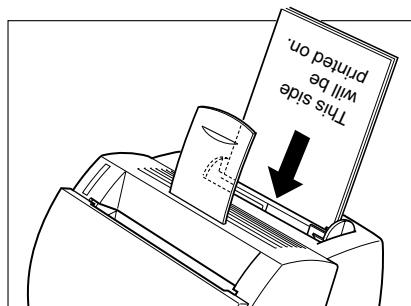


Make sure that the input paper support is inserted into its slot in the printer.

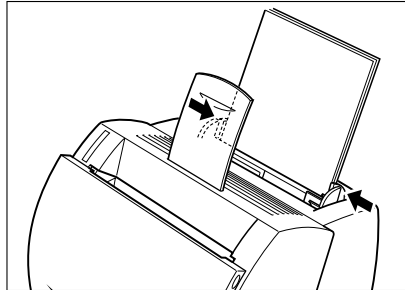
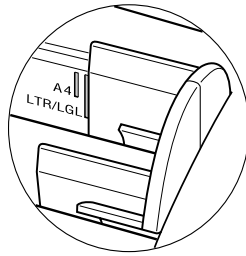
1. Prepare a stack of paper and tap it on a flat surface to properly align the edges.



2. Align the stack of paper so that the side to be printed on faces the front of the printer. The top edge of the paper should be toward the bottom of the MP tray. Slide the stack in until it stops. Do not force the paper into the printer.



3. Adjust the paper guides to the width of the stack of paper. For A4-size or Letter/Legal-size paper, align the paper guides with the icons inside the MP tray.



Adjust the guides so that there is no space between each paper guide and the edge of the stack of paper.



When reloading, be sure to remove the paper remaining in the MP tray. Stack it together with the new sheets before loading.

The MP tray is now ready to supply paper.

Installing the CAPT

Before you can print with the LBP-810 printer, you must install the CAPT (Canon Advanced Printing Technology).

Windows 95/98/Me CD-ROM Installation

Before you install the software, make sure you do the following.

- When using USB port (USB cable), turn off the printer.
- When using parallel port (parallel cable), connect the cable between the printer and your computer, and turn on the printer.
- Turn on your computer and start up Windows 95/98/Me.



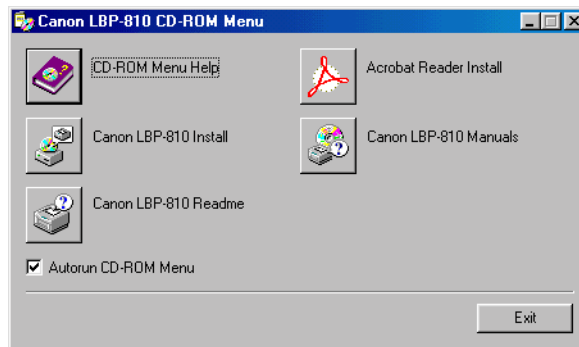
Using USB Port (USB Cable)

In order to use the printer via USB, the following requirements need to be satisfied.

- Your computer must be equipped with a USB port and it is necessary that its operation is approved by the manufacturer.
- Windows 95 is not available for USB.

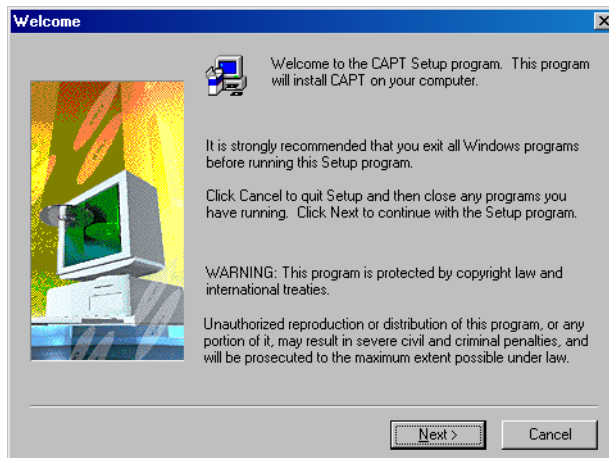
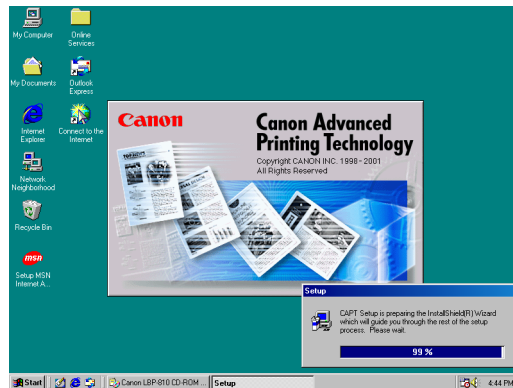
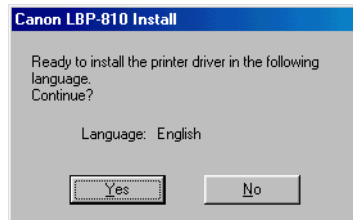
The following procedure only applies to the installation under Windows 98.

1. Insert the compact disc into your CD-ROM drive. The **Canon LBP-810 CD-ROM Menu** appears automatically.



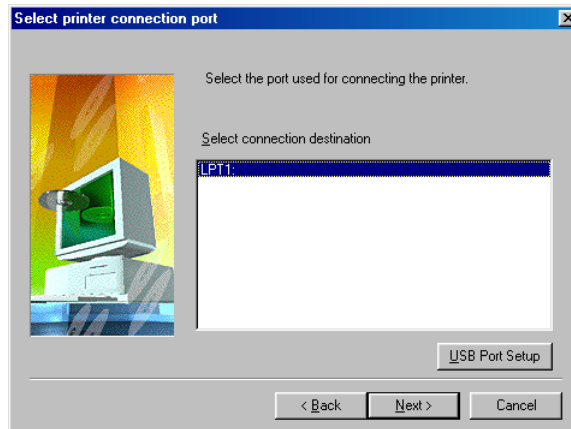
If the **CD-ROM Menu** does not appear automatically, start it manually, and check **Autorun CD-ROM Menu**.

2. Click the **Canon LBP-810 Install** button. The **Canon LBP-810 Install** dialog box appears. Click **Yes** to install the CAPT in the language displayed. The **Welcome** and the **Software License Agreement** screens appear.

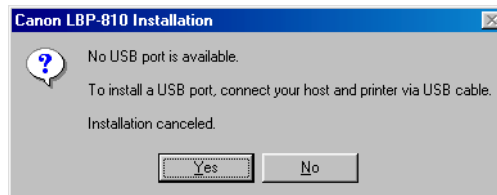


3. The **Select printer connection port** dialog box appears. When using parallel cable, select a local port, such as **LPT1:**, then click **Next >**. The Install program proceeds to copy files and creates the **Canon CAPT Tools** group.

When the installation finishes, the **Setup Complete** dialog box appears (See step 7).



When using USB cable, if USB port can not be found in the port list displayed, click **USB Port Setup**.



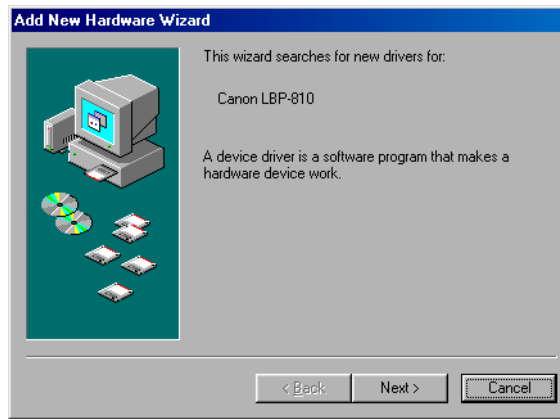
Then click **Yes** to continue the setting up of LBP-810.

Connect the USB cable between the printer and your computer. (For details, see page 15.)

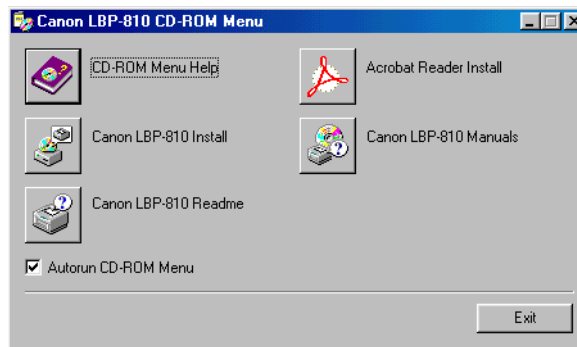
Turn on the printer. (For details, see page 17.)

USB port is automatically detected and the USB class driver will be installed.

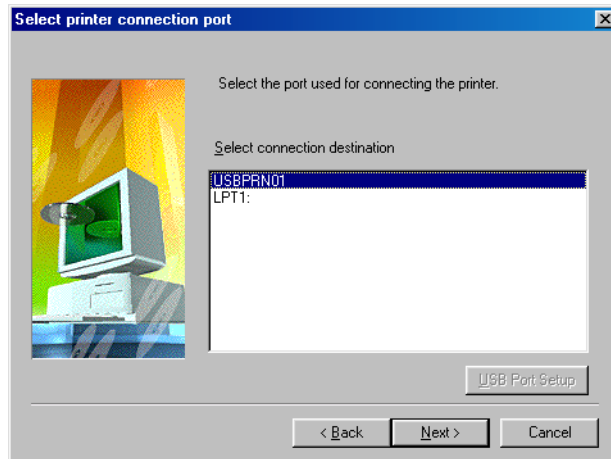
4. Click **Cancel** when the **Add New Hardware Wizard** appears. Unless you cancel, see the procedure for **Plug and Play** (→see the *User's Guide*).



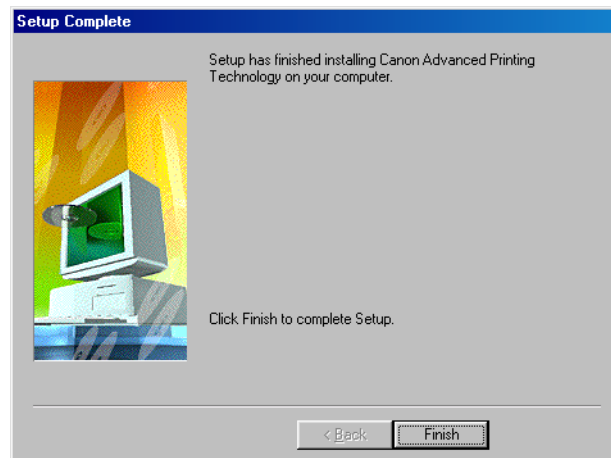
5. Click **Canon LBP-810 Install** button. Repeat the procedure from **Step 2** to **Step 3** once again.



6. Select a USB port, such as USBPRN01 for Windows 98 or USB001 for Windows Me from the port list and click **Next >**. If USBPRN01 or USB001 is not displayed in the list, start **Step 3**.

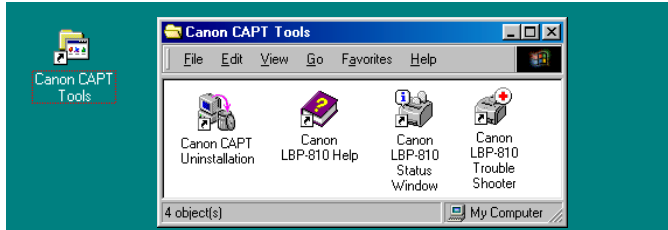


7. When the installation is complete, the following dialog box appears. Click **Finish** to close the dialog box.



Canon CAPT Tools Group

After installing the CAPT, you are ready to print. The **Canon CAPT Tools** group gives you all the tools you need to communicate with your printer.



Canon LBP-810 Help provides online help for the CAPT.

Canon LBP-810 Status Window shows you the print job status.

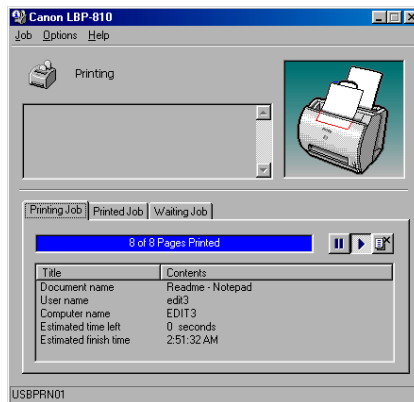
Canon LBP-810 Trouble Shooter checks for system configuration setting errors and, if possible, makes automatic corrections.

Canon CAPT Uninstallation removes the CAPT.

Printing

Print the Readme file using the CD-ROM Menu:

1. Click the **Canon LBP-810 Readme** button on the CD-ROM Menu. Notepad opens the Readme file.
2. From the **File** menu select **Print**. The **Status Window** appears showing you the printer status and the progress of the print job.



3. After you have printed it, read the Readme file.