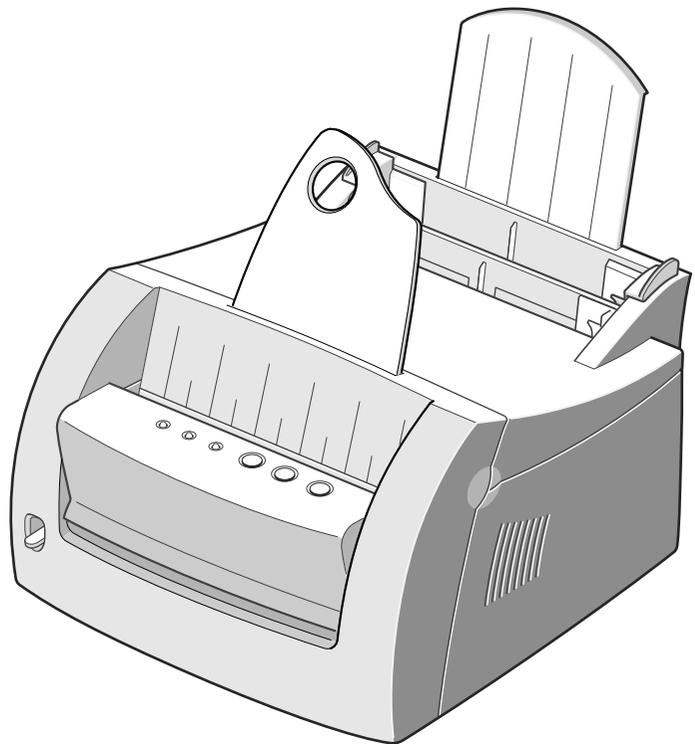




# Lexmark E210

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## *Setup Guide*



**May 2001**

## **Edition: May 2001**

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## **Conventions**

**Warning!** A warning identifies something that could damage your printer hardware or software.

**CAUTION!** A caution identifies something that can cause you harm.

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---

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### Setting Up Your Printer

---

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## Chapter 3

### Using the Control Panel

---

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chapter

1

# *Introducing Your Printer*

Congratulations on your purchase of the Lexmark™ E210 printer! This chapter provides information on the following topics:

- Special Features
- Printer Components

# Special Features

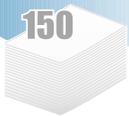
Lexmark E210 is a versatile, productive printer equipped with special features that improve print quality, giving you a competitive edge. You can:

Print with excellent quality



- You can print at **600 dots per inch** (dpi). See “Setting Graphic Properties” on page [5.12](#).

Handle print media flexibly



- Standard **150-sheet automatic input tray** and a **1-sheet manual input tray** support various sizes and types of print media.
- Two output locations: Select either **the face-down output slot** or **the face-up output slot** for the most convenient access.

Save your time and money



- Print multiple pages on a single sheet of paper to save paper (N-Up printing). See “Printing Multiple Pages on One Sheet of Paper” on page [5.8](#).
- The printer automatically conserves electricity by substantially reducing power consumption when not printing.
- This product meets Energy Star guidelines for energy efficiency.

### Create professional documents



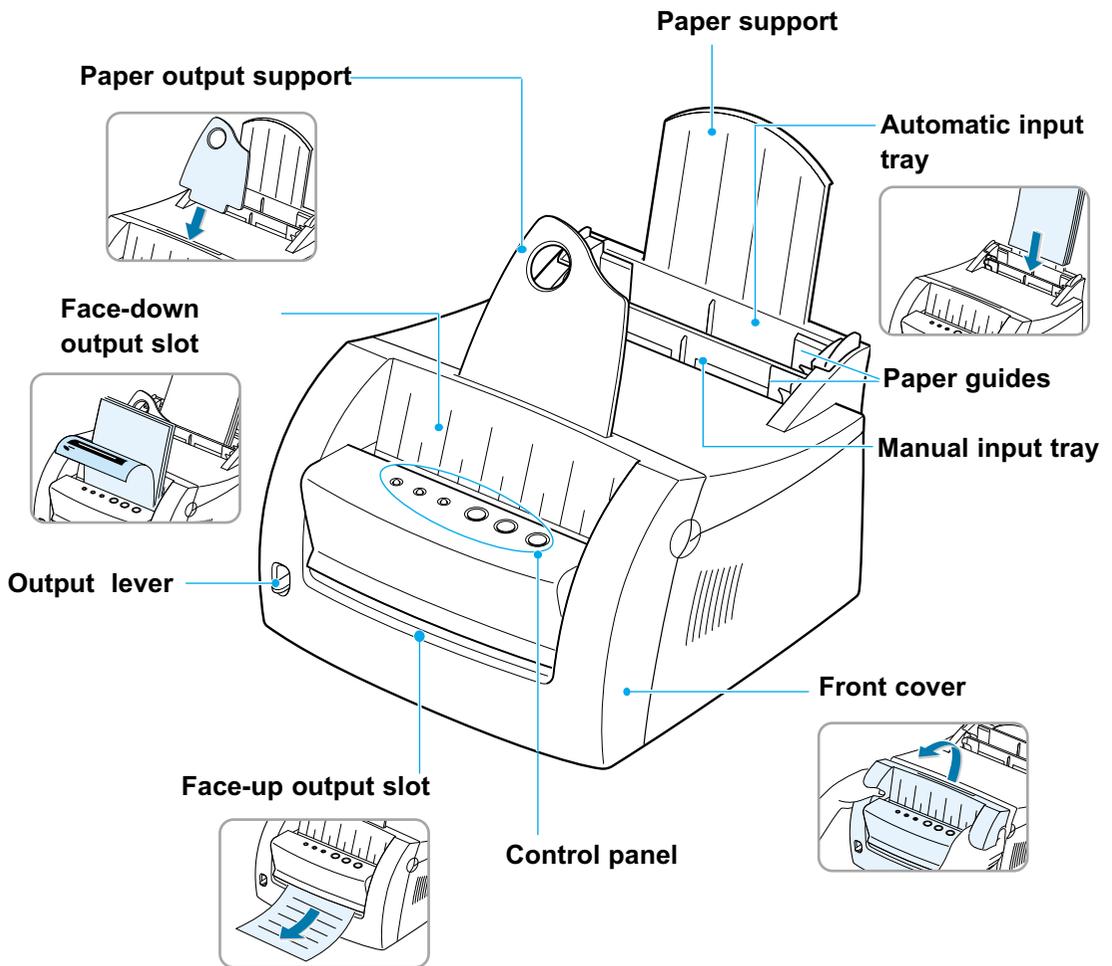
- You can customize your documents by using watermarks such as “Confidential.” See “Printing Watermarks” on page [5.14](#).
- Preprinted forms and letterheads can be printed on plain paper. See “Using Page Overlay” on page [5.17](#).
- You can print posters. The text and pictures of each page of your document can be magnified and printed across several sheets of paper. After the document has printed, trim off the white edges of each sheet. Tape the sheets together to form a poster. See “Printing Posters” on page [5.10](#).

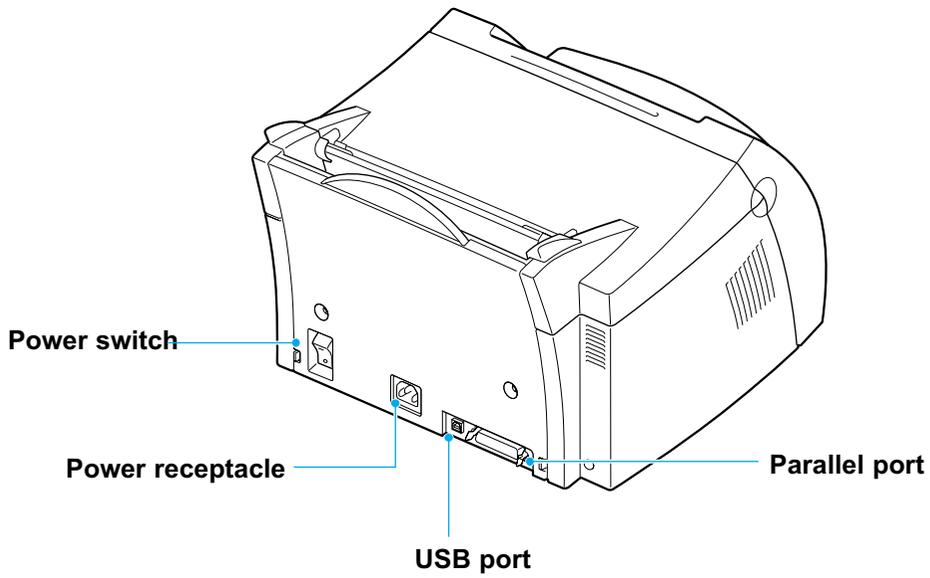
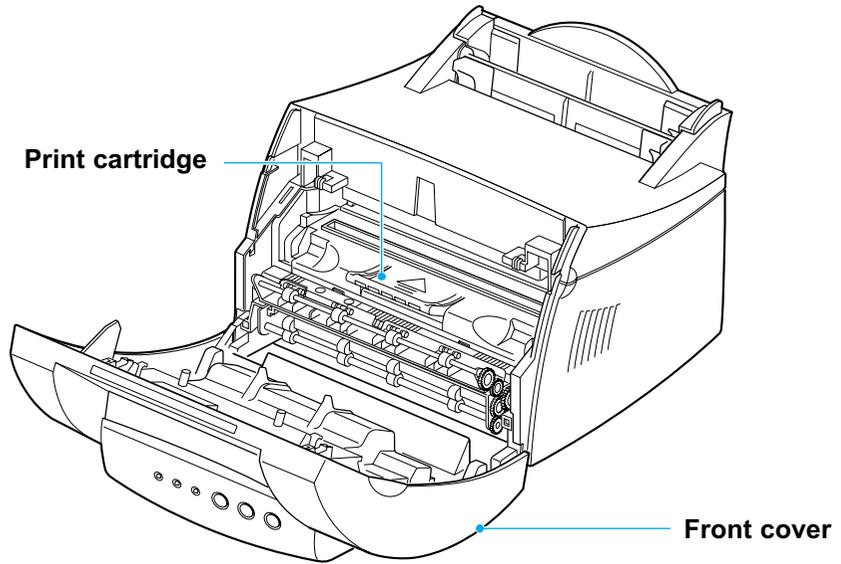
### Print in various environments



- Your printer is compatible with Windows 95/98/Me/NT 4.0/2000.
- Your printer is compatible with the Linux system.
- Your printer comes with both Parallel and USB interfaces.

# Printer Components





chapter

# 2

## *Setting Up Your Printer*

This chapter provides step-by-step information on setting up your printer.

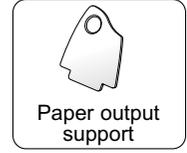
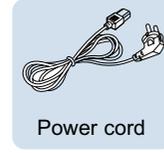
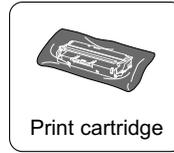
Topics included are:

- *STEP 1*: Unpacking Your Printer
- *STEP 2*: Installing the Print Cartridge
- *STEP 3*: Loading Print Media
- *STEP 4*: Connecting to the Computer with a Parallel Cable
- *STEP 5*: Turning on the Printer
- *STEP 6*: Printing a Demo Page!
- *STEP 7*: Installing the Printer Software
- Installing Software from Diskette

# STEP 1

## Unpacking Your Printer

- 1 Remove the printer and all accessories from the packing carton. Make sure that your printer has been packed with the items shown on the right.

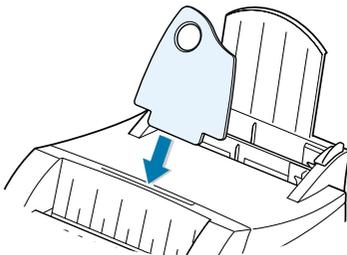
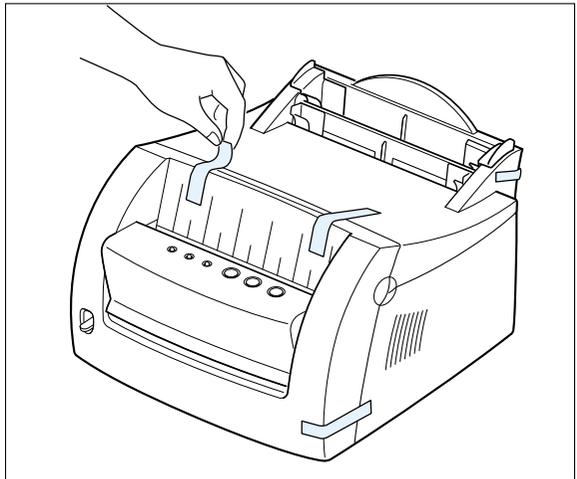


### Notes:

- If any items are missing or damaged, notify your point of purchase.
- Components may differ from one country to another.
- The CD (compact disk) contains the printer driver, the *User's Guide*, the Adobe Acrobat Reader program and the Make Your Own Diskette setup software.

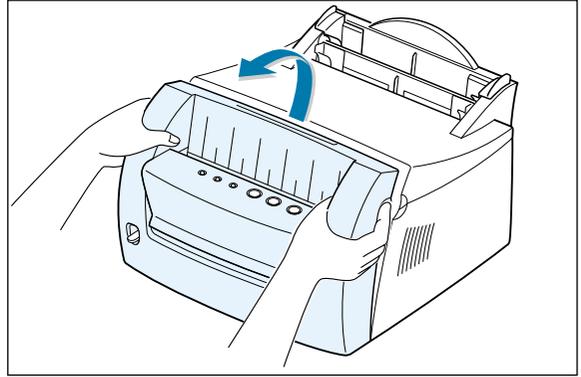
- 2 Remove all packing tapes from the printer.

- 3 Attach the paper output support.

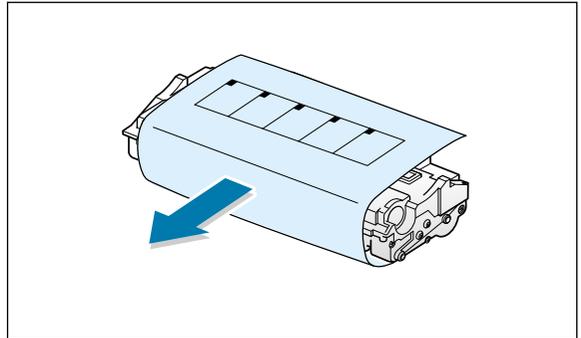


# Installing the Print Cartridge

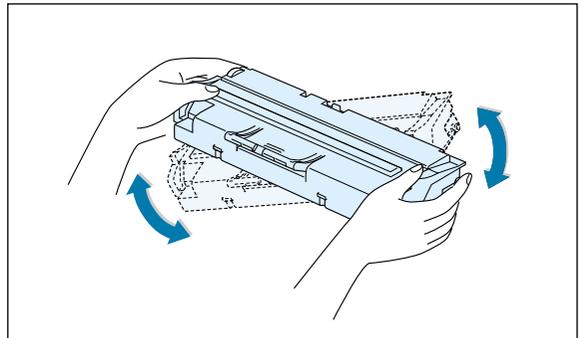
- 1 Pull the cover open.



- 2 Remove the print cartridge from its bag and remove the paper covering from the print cartridge completely.



- 3 Gently shake the cartridge from side to side to distribute the toner evenly.

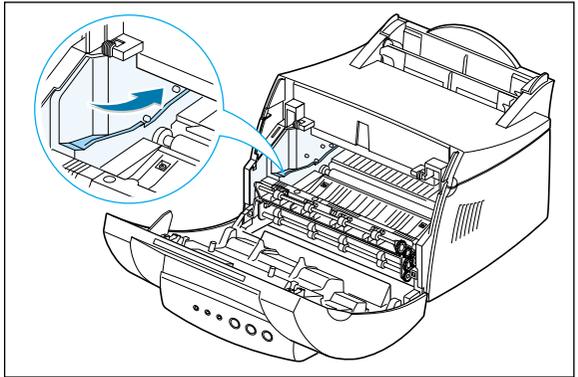


**Note:** If toner gets on your clothing, wipe it off with a dry cloth and wash the clothing in cold water. Hot water sets toner into fabric.

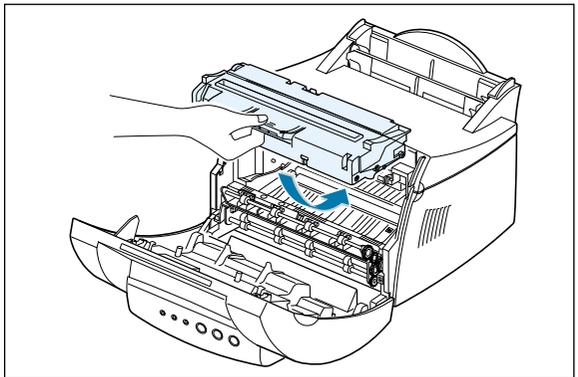
**Warning!** To prevent damage, do not expose the print cartridge to light for more than a few minutes. Cover it with a piece of paper if it will be left exposed for more than a few minutes.

## Installing the Print Cartridge

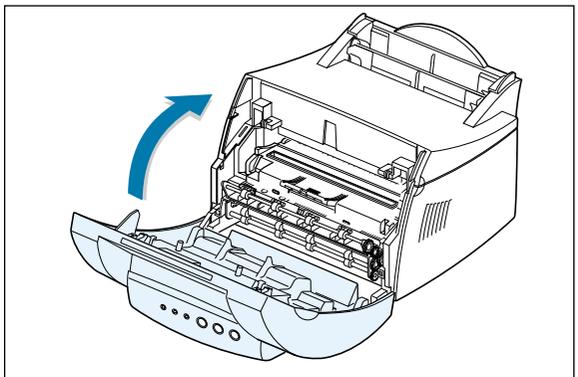
- 4 Locate the cartridge slots, one on each side.



- 5 Insert the cartridge until it snaps into place.



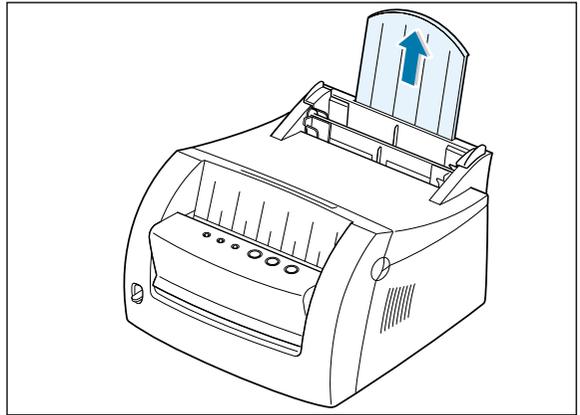
- 6 Close the front cover securely.



**Note:** When printing text at 5% coverage, expect a print cartridge life of approximately 2,000 pages (1,000 pages for the print cartridge that is shipped with the printer).

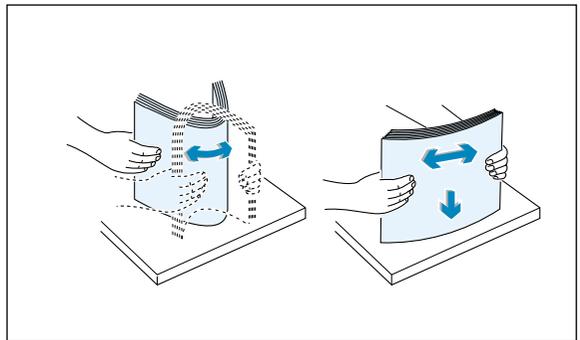
# Loading Print Media

- 1 Pull on the automatic input tray support until it stops.

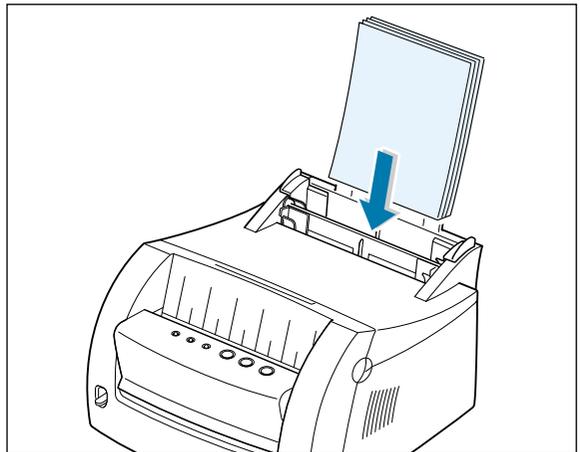


- 2 Before loading any print media, flex the sheets back and forth to loosen them, and then fan them.

Tap the edges of the stack on a table to straighten them. This helps prevent jams.



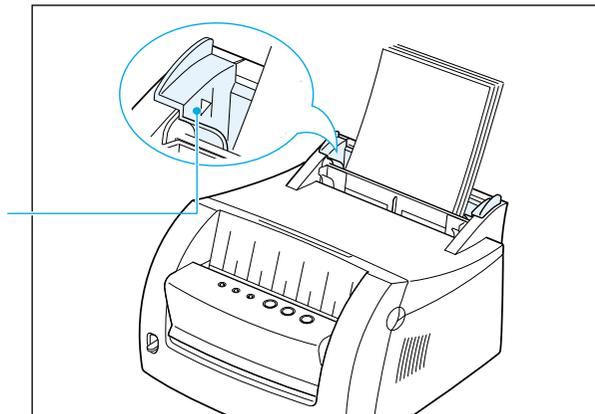
- 3 Load a stack of paper into the automatic input tray with the print side facing up.



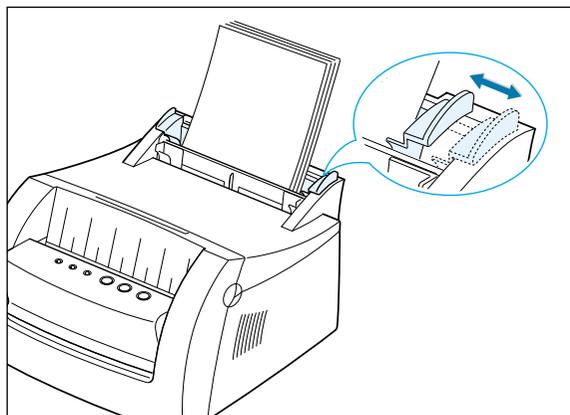
## Loading Print Media

Do not load too much paper. This tray holds 150 sheets.

Keep the paper below this height mark.



**4** Push the guide gently against the paper stack.



### Notes:

- Do not push the width guide tightly causing the print media to warp.
- Adjust the width guide to avoid jams.
- To add more print media to the tray while a job is printing, first remove the remaining print media from the tray. Reinsert it with the new print media.
- Adding print media to the print media already in the tray may cause jams or multiple feeding.

# Connecting to the Computer with a Parallel Cable

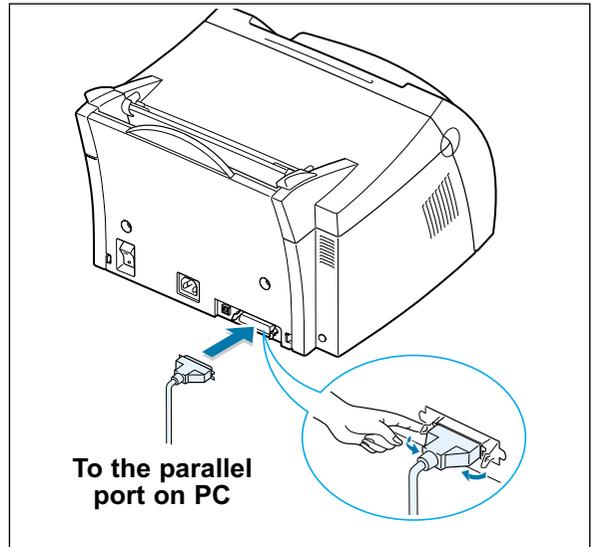
**1** Make sure both the printer and the computer are turned off and unplugged.

**2** Plug the parallel printer cable into the connector as shown.

Push the metal clips down to fit inside the notches on the cable plug.

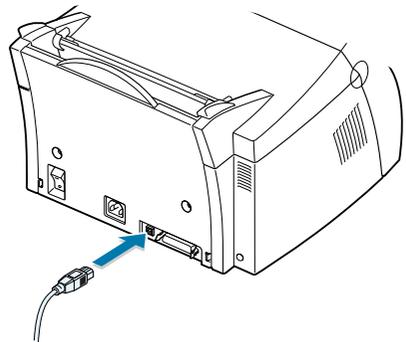
**3** Connect the other end of the cable to the parallel interface port on your computer, and tighten the screws.

Refer to your computer documentation if you need help.



## If you are using a USB interface

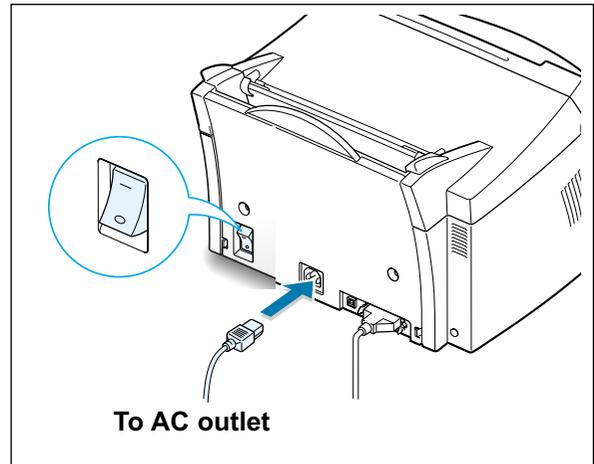
Go to “Using Your Printer with a USB Cable” on page [A.11](#).



## STEP 5

# Turning on the Printer

- 1 Plug the power cord in as shown.
- 2 Plug the other end into a properly grounded AC outlet.
- 3 Turn on the power.

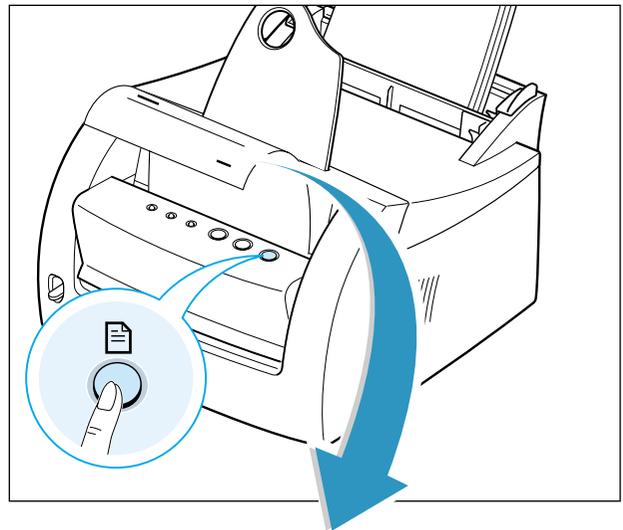


## STEP 6

# Printing a Demo Page!

As the printer powers up, all the printer control panel lights turn on briefly.

- 1 Press and hold the  button when only the  light remains on.
- 2 Hold down the button for two seconds until all lights blink slowly, then release. The Demo page prints.



The demo page provides a sample of the print quality and helps you verify the printer is printing correctly.

## LEXMARK E210

*Personal Laser Printer for the Home or Office*

- 12 Pages per minute
- 66 MHz processor
- Parallel & USB standard
- Windows & Linux support
- 5,000 pages maximum monthly usage

Included with your printer is a CD containing the printer driver for some of the most popular Windows-based software applications. To operate your printer, you must install a printer driver, which translates data from your application into data that the printer understands.

---

**If you are printing with a parallel interface**

See “Connecting to the Computer with a Parallel Port” on page [2.7](#) for information on installing the print software on a computer that is attached directly to the printer with a parallel cable.

---

**If you are printing with a USB interface**

See “Using Your Printer with a USB Cable” on page [A.11](#), for information on installing the print software on a USB-enabled computer.

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**If you are printing in Linux**

See “Linux Driver Installation” on page [A.17](#), for information on installing the Linux driver.

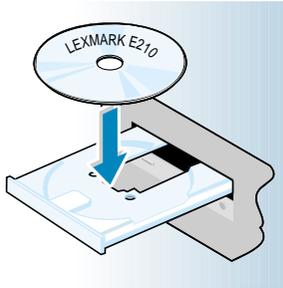
## Before Installing the Printer Software

---

Verify the following:

- At least 16MB or more of RAM is installed on your PC.
- There is at least 50MB of free disk space on your PC.
- All applications are closed on your PC before beginning installation.
- You are using Windows 95, Windows 98, Windows Me, Windows NT 4.0 or Windows 2000.

## Installing the Printer Software from the CD



- 1 Place the CD in the CD-ROM drive. Installation begins automatically.

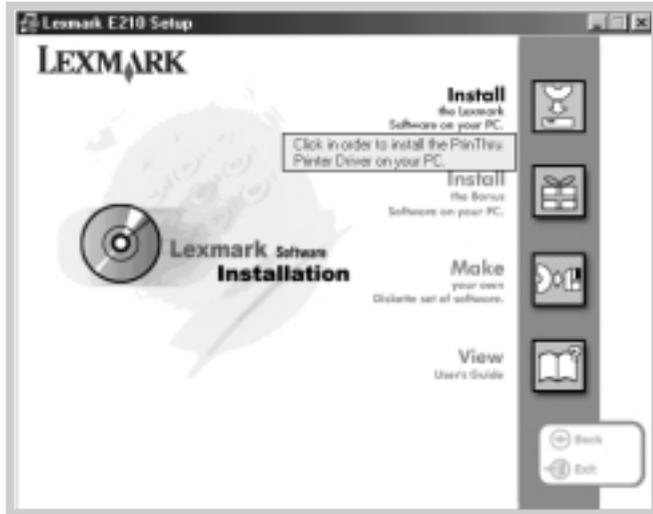
If the CD-ROM drive does not automatically run:

Select **Run** from the **Start** menu, and type **x:\cdsetup.exe** in the Open box (where **x** is the drive letter for the CD-ROM drive), and click **OK**.

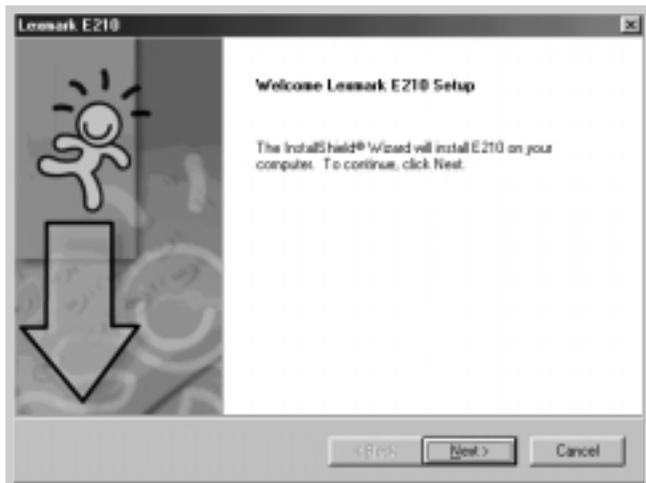


**Note:** If the New Hardware Found box appears during the installation procedure, click the  in the upper right corner of the box, or click **Cancel**.

- 2 Click **Install the Lexmark Software on your PC**.

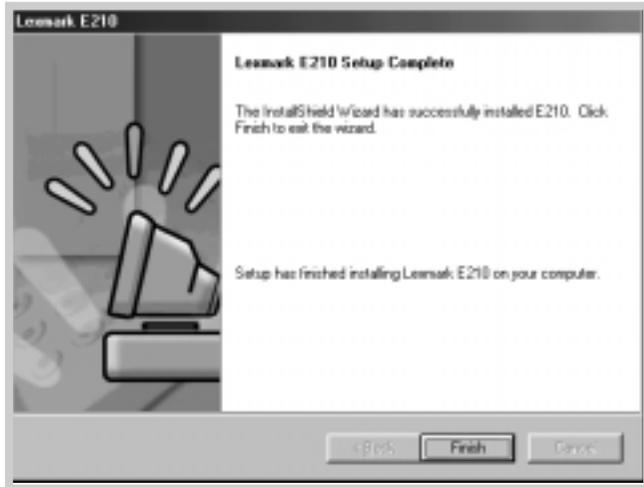


- 3 The Welcome window opens. Click **Next**.



The files are copied into the appropriate directory.

### 4 Click **Finish**.



## Software Installation Tips

---

I do not have a CD-ROM drive

If you have access to another computer with a CD-ROM drive, you can use the Make Diskette utility in Windows to create the disks you need for the installation. See "Installing Software from Diskette" on page [2.15](#).

How do I access printer features?

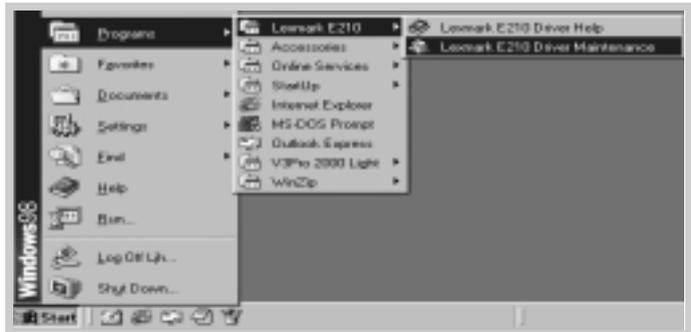
Some printer features, such as paper size and page orientation, may be available through your application settings. Use application settings, if available, because they override printer driver settings.

Access advanced printer features through your printer driver. See [Chapter 5](#) "Printing Tasks" for instructions on using your printer driver features.

How do I remove the printing software?

In Windows, after installation, the Uninstall icon in the Lexmark E210 program group allows you to select and remove any or all of the Lexmark E210 printing system components. If you are upgrading the printer driver, or if your installation fails, follow these instructions to uninstall the driver.

- 1 From the **Start** menu, select **Programs**.
- 2 Select **Lexmark E210**, and then **Lexmark E210 Driver Maintenance**.



- 3 When your computer confirms your selection, click **OK**.

- 4 The Lexmark E210 printer driver and all of its components are removed from your computer.



- 5 Click **Finish**.

If you have installing problems

- Exit your software programs. Then, turn off your computer and printer. Turn on your printer, and then turn on your computer.
- Close any virus protection programs that are running on your computer.
- Uninstall the printer software using the instruction above, and repeat the installation procedure.

Can I use this printer in other operating systems?

The Lexmark E210 Printer supports the Linux system. See "Linux Driver Installation" on page [A.17](#) for information on installing the Linux driver.

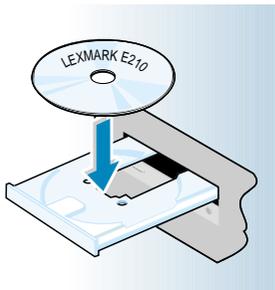
# Installing Software from Diskettes

If you do not have a CD-ROM drive and if you have access to another computer with a CD-ROM drive, you can copy software installation files from your printer software CD onto floppy diskettes, and then use the diskettes instead of the CD to install the software.

2

## Making Installation Diskettes

You can make the installation diskettes for the Lexmark E210 printer driver. Make sure that you have several formatted diskettes ready, and then follow these steps:



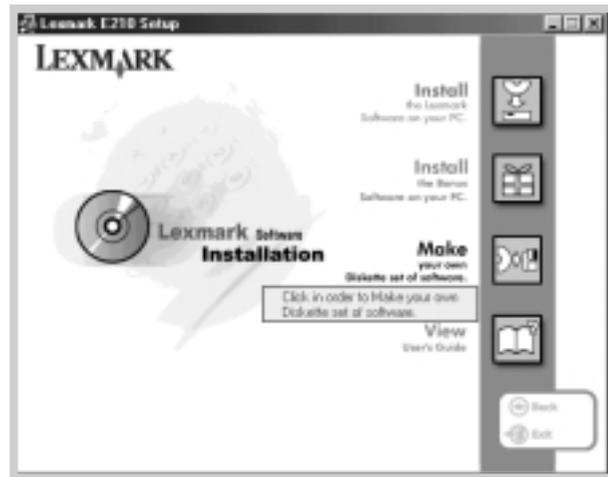
- 1 Insert the CD shipped with your printer into the CD-ROM drive. Installation begins automatically.

If the CD-ROM drive does not automatically run:

Select **Run** from the **Start** menu, and type **x:\cdsetup.exe** in the Open box (where **x** is the drive letter for the CD-ROM drive), and click **OK**.

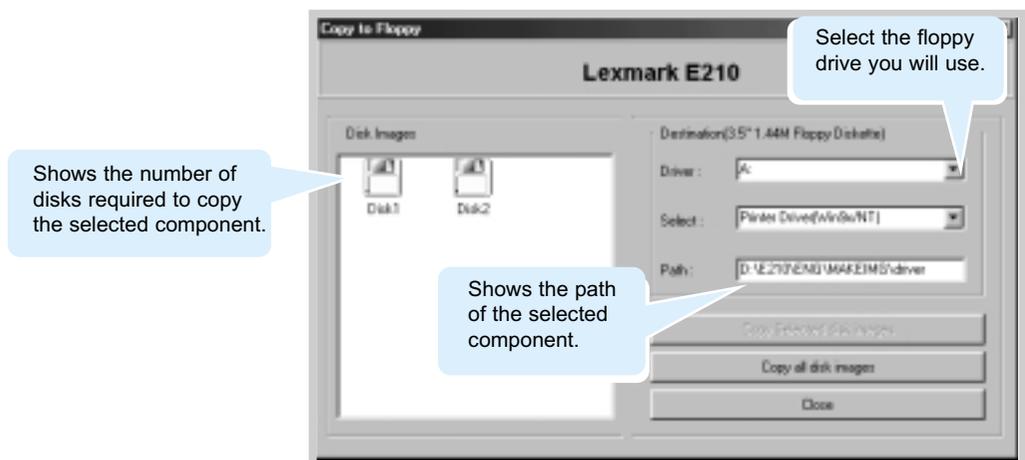
- 2 When the opening screen appears, select the appropriate language.

- 3 Click **Make your own Diskette set of software.**



The Copy to Floppy dialog box appears.

- 4 Select the floppy disk drive you will use to insert the diskette.



### 5 Click **Copy all disk images**.

If you want to copy a portion of the selected component, select the disk you want to copy in the Disk Images window, and then click **Copy Selected disk image**.

### 6 When prompted, insert a blank, formatted diskette into the floppy drive, and click **Yes** to copy the first diskette. For multiple diskettes, when the first diskette is finished, you are prompted to insert disk 2.

Make sure you label each diskette in order as you create it: Lexmark E210 driver, disk 1 of 2, and so on.

### 7 If you have more than one disk, insert the next disk and click **Yes**.

### 8 When copying to diskettes is complete, click **Close** in the Copy to Floppy dialog box. Then, click **Exit** in the Lexmark printer dialog box.

# Installing Software

---

To install the printer driver from the diskettes, complete the following steps:

- 1 Insert the first diskette (if the selected software diskettes are more than one).
- 2 From the **Start** menu, select **Run**.



- 3 Type **A:\setup.exe** in the Open box and click **OK**. (If your floppy drive is not **A**, substitute the correct letter.)
- 4 Follow the on-screen instructions to complete the installation.

chapter

# 3

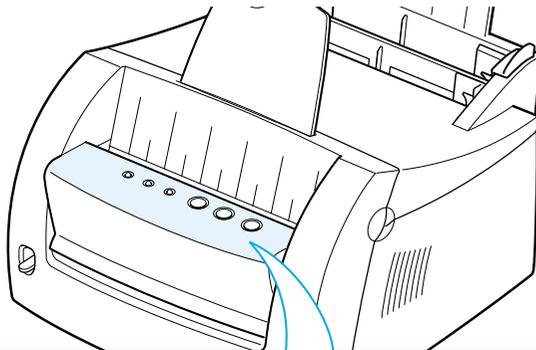
## *Using the Control Panel*

This chapter describes how to use the printer control panel. It provides information on the following topics:

- Control Panel Buttons
- Control Panel Lights

# Control Panel Buttons

The printer has three buttons: ↓ (**Continue**), ✕ (**Cancel**) and 📄 (**Demo**).

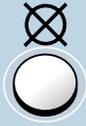


## Printing a demo page

Press and hold 📄 for 2 seconds until the control panel lights blink slowly to print a demo page. The printer must be in Ready mode. For more information, see “Printing a Demo Page” on page 2.8.

## Cleaning the inside of the printer

Press and hold 📄 for 10 seconds until the control panel lights remain lit. After cleaning the printer, one cleaning sheet prints. For further information, see “Cleaning the Inside” on page 6.6.



### Canceling a job

---

Press and hold  until the control panel lights blink to cancel a job the printer is currently printing. The  light blinks while the print job is cleared from both the printer and the computer, and then returns to the Ready mode. This may take some time, depending on the size of the print job.

**Note:** If the  button is accidentally pushed, the job must be reprinted. There is no undo function.



### Manual feeding

---

When you select **Manual** for **Paper Source** from your software application, you should press  each time you load a sheet of paper manually. For further information, see “Using the Manual Input tray” on page [4.8](#).

# Control Panel Lights

The control panel lights indicate the status of your printer. If the  light is on, the printer is experiencing an error. See “Troubleshooting Error Messages” on page 7.18.

## Control Panel Light Message



### Ready mode

The  light is on and the printer is ready to print.

No action is needed. If you press and hold the  button for about 2 seconds, a demo page prints.



### Processing

The printer is receiving or processing data. Wait for the job to print.

Pressing the  button cancels the current job. One or two pages may print as the printer clears the print job. The printer returns to the Ready mode after the job is canceled.



### Paper out

The printer is out of paper.

Load paper into the printer. For the automatic tray, there is no need to press any button to reset. For the manual tray, press the  button after loading.



### Waiting for the Continue button to be pressed

In the Manual Feed mode, the printer is waiting for the  button to be pressed. Press the  button to start printing. You must press the button to print each page after loading paper into the manual input tray.

# Using Your Printer with a USB Cable

## Installing the Printer Software - Windows 2000/XP



- 1 Turn the printer on and connect the USB cable to the computer and printer.
- 2 Follow your on screen instructions for driver installation.

**Note:** To connect the printer to the USB port of the computer requires a certified USB cable. You will need to buy the USB 1.0 compliant cable.



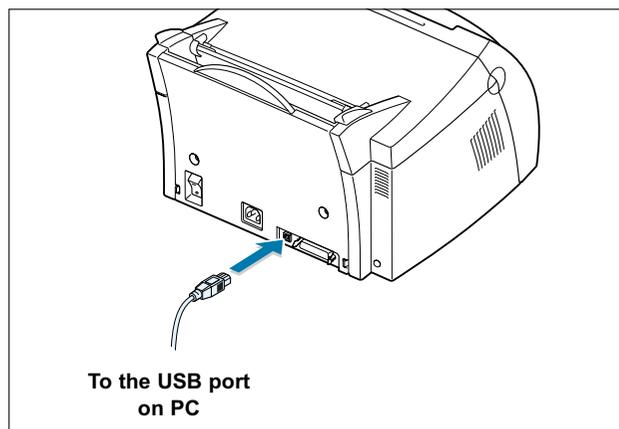
## Installing the Printer Software - Windows 98/Me

### 1 Install Lexmark E210 USB driver

To operate your printer with a Windows PC, you must install the Lexmark E210 USB printer driver. Place the CD in the CD-ROM drive and follow the instructions under “Installing the Printer Software from the CD” on page 2.9.

### 2 Connect printer with USB cable and install USB driver

- a Make sure that both the printer and computer are turned **ON**.
- b Plug one end of the USB cable into the USB port on the printer.



- c Plug the other end into the USB port on the computer.
- d The Add New Hardware Wizard dialog box appears. Click **Next**.



- e Check **Search for the best driver for your device** and click **Next**.



- f Check **CD-ROM drive** and click **Browse**, then choose **x:\E210\Eng** (or the desired language code)\**USB** (where **x** is the drive letter for the CD-ROM drive).

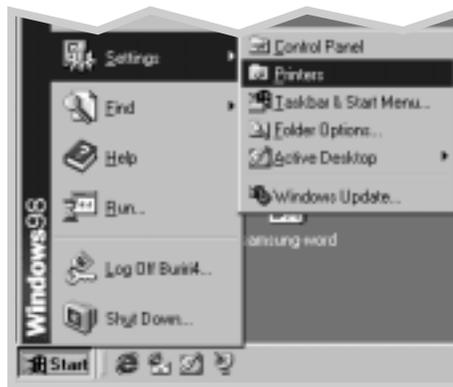


- g Click **Next**. The USB driver will be installed.



- h Follow the instructions on the screen to complete the installation.

- 3 Set your PC printer port**
- a From the **Start** menu, select **Settings**, then select **Printers**.



- b Select the **Lexmark E210** printer icon in the **Printers** folder.
- c Select **Properties** from the **File** menu.
- d Click the **Details** tab. Select **USB: (E210)** in the **Print to the following port** box. Click **OK**. The setup is now completed.

