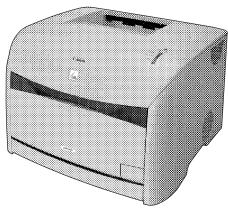
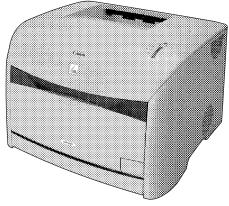
Canon

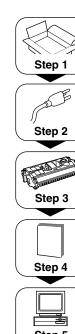
Laser Beam Printer

LASER SHOT LBP5200

Getting Started Guide







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Read this document first.

Thank you for purchasing the Canon LASER SHOT LBP5200. Make sure you read this instruction manual thoroughly before using the printer.

Introduction

About Instruction Manuals

The electronic version (PDF) of the instruction manuals are included on the CD-ROM that comes with this printer.

Before using this CD-ROM, refer to "Contents of CD-ROM" (See p. 46) in this manual.

Describes how to install the printer and the preparations needed before you can use the printer to print.

■ User's Guide 🞰: Manual_2.pdf

Describes how to print, perform routine maintenance, resolve problems, etc.

The PDF manuals are available from the "CD-ROM Setup" program. (See "CD-ROM Setup," on p. 46) The file names written next to the marks (Manual_1.pdf, etc.) are the names of the PDF files of the manuals provided in the [Manuals] folder of the CD-ROM.



IMPORTANT

You need Adobe Reader or Adobe Acrobat Reader to read PDF format files. If Adobe Reader or Adobe Acrobat Reader is not installed on the system you are using, you can download and install it from the Adobe Systems website.

Conventions

The following symbols are used in this manual to explain procedures, restrictions, handling precautions, and instructions that should be observed for safety.



WARNING

Indicates warnings that, if followed incorrectly, may lead to death or serious personal injury. To use the product safely, be sure to adhere to these warnings.



CAUTION

Indicates cautions that, if followed incorrectly, may lead to personal injuries or damage to property. To use the product safely, be sure to adhere to these cautions.



IMPORTANT

Indicates important points and limitations that need to be observed. Be sure to read these carefully to avoid running into problems operating the printer.



NOTE

Indicates additional information related to the operation of the printer. It is recommended that you read these points.

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Notice

Canon makes no guarantees of any kind with regard to this manual. Canon shall not be held liable for errors contained herein or for consequential or incidental damages incurred as a result of acting on information contained in the manual.

Abbreviations

In this manual, product names and model names are abbreviated as follows:

Microsoft® Windows® 98 operating system: Windows 98
Microsoft® Windows® Millennium Edition operating system: Windows Me
Microsoft® Windows® 2000 operating system: Windows 2000
Microsoft® Windows® XP operating system: Windows XP
Microsoft® Windows Server™ 2003 operating system: Windows Server 2003
Microsoft® Windows® operating system: Windows
Windows

LASER SHOT LBP5200: LBP5200

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Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Windows Server is a trademark of Microsoft Corporation in the United States. Ethernet is a trademark of Xerox Corporation in the United States.

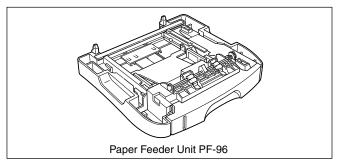
Other product and company names herein may be the trademarks of their respective owners.

Optional Accessories

The following optional accessories are available to allow you to fully utilize the features of this printer. Purchase these products as you need them. Contact the store where you purchased the printer for inquiries about the optional accessories.

■ 250-sheet Paper Feeder

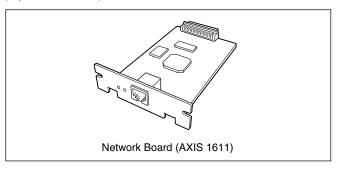
The 250-sheet paper feeder attaches to the base of the printer. Up to approximately 250 sheets of plain paper (64 g/m^2) in sizes of A4, B5, A5, Legal, Letter, and Executive can be loaded in the paper cassette in the 250-sheet paper feeder (Cassette 1).



■ Network Board (AXIS 1611)

Installing the optional network board (AXIS 1611) allows you to use the LBP5200 directly over a network.

For more details on the AXIS 1611, visit the Axis Communications website (http://www.axis.com/).



Installation Site

Installation Environment

In order to operate the printer smoothly and safely, install the printer in an environment that meets the "Temperature/Humidity Conditions". "Power Conditions", and "Installing Conditions" described in the "Installation Environment".



Before installing the printer, be sure to read "Important Safety Instructions" (→ in the User's Guide.

Use power supplies rated for voltages in the following ranges.

100 to 127 V (±10%) 50/60 Hz (± 2 Hz) 220 to 240 V (±10%) 50/60 Hz (± 2 Hz)

● The maximum power consumption of this printer is 1465 W* or below for the 220 to 240 V model (and 1188 W* for 100 to 127 V model) Electrical noise or a dramatic drop in mains voltage may cause the printer to operate incorrectly or lose data, and can also cause the computer to fail.

*Note: 1475 W (220 to 240 V model) / 1198 W (100 to 127 V model) or below when installed with full options. However, the momentum peak upon turning the power ON is excluded from the value.

• Use the printer in a location where the temperature and humidity are in the following ranges.

Ambient temperature: 10 to 30°C (50 to 86°F) Ambient humidity: 10 to 80 % RH (no condensation)



Water droplets (condensation) may form inside the printer under the following circumstances. Leave the printer for two hours or more to adjust the surrounding temperature and humidity before using it. If water droplets do form inside the printer, the paper transport path will not function properly, and this can cause paper jams, damage the printer, or result in faulty operation.

- When the room where the printer is installed is heated rapidly
- When the printer is moved from a cool and dry location to a hot and humid location



To customers using an ultrasonic humidifier.

If you use an ultrasonic humidifier in conjunction with tap water or well water, impurities in the water will be dispersed through the air. These can be trapped inside the printer, causing degradations in printing quality. When you are using these humidifiers, it is therefore recommended that you use purified water or other water that is free of impurities.

- Install the printer in the following kind of environment
 - A place where sufficient space can be secured
 - A well-ventilated room
 - · A flat, even surface
 - · A sturdy platform that can easily support the weight of the printer and optional



WARNING

Do not install the printer in a location near alcohol, thinners, or other flammable substances. If a flammable substance comes into contact with the electrical unit inside the printer it may ignite or cause an electrical shock.



CAUTION

- Do not install the printer in any of the following kinds of locations. Doing so may cause fire or electrical shock.
- A damp or dusty location
- A location exposed to smoke and steam, such as next to a stove or humidifier
- A location exposed to rain or snow
- A location near water faucets or water
- A location exposed to direct sunlight
- A location subject to high temperatures
- A location near open flames
- Do not install the printer on an unsteady platform, an uneven surface, or any other unstable location, or in any location subject to vibrations. If the printer falls down or the platform tips over, someone may be injured.

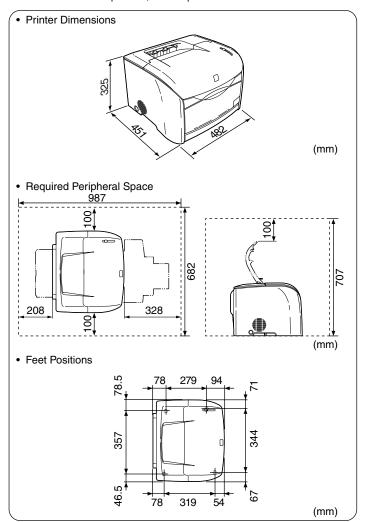
IMPORTANT

Do not install the printer in any of the following kinds of locations. Doing so may damage the printer.

- An environment where the temperature and/or humidity can change dramatically, or where condensation occurs
- A poorly ventilated room
- Near devices that generate magnetic or electromagnetic waves
- In rooms such as laboratories where chemical reactions occur
- In a room where corrosive or poisonous chemicals such as salt or ammonia are present in the air
- On a platform that could buckle under the weight of the printer and optional accessories, or where the printer is liable to sink (such as on a carpet or mat)

Installation Space

Choose an installation location where you can secure the following amounts of free space around the printer, and on a surface that can support the weight of the printer. The dimensions of each of the components, the dimensions of the space needed around the components, and the positions of the feet are as follows.



System Requirements

Operating System

- Microsoft Windows 98
- · Microsoft Windows Me
- Microsoft Windows 2000 Server/Professional
- Microsoft Windows XP Professional/Home Edition
- Windows Server 2003 (32-bit processor version only)

Operating Environment

	Windows 98/Me	Windows 2000/XP/Server 2003	
СРИ	Pentium 300MHz or higher	Pentium 300MHz or higher	
Memory (RAM)*	64MB or more	Windows 2000: 64MB or more Windows XP/Server 2003: 128MB or more	
Hard Disk	20MB or more	15MB or more	

(PC/AT Compatibles)

Recommended Environment

	Windows 98/Me	Windows 2000/XP/Server 2003
СРИ	Pentium III 600MHz or higher	Pentium III 600MHz or higher
Memory (RAM)	64MB or more	Windows 2000: 128MB or more Windows XP/Server 2003: 256MB or more

Interface

When connecting via USB

- Windows 98/Me: USB Full-Speed (USB1.1 equivalent)
- Windows 2000/XP/Server 2003: USB 2.0 Hi-Speed/USB Full-Speed (USB1.1 equivalent)

When connecting via a network (Requires the optional network board)

- Connector: 10BASE-T or 100BASE-TX
- Protocol: TCP/IP, NetBIOS/NetBEUI (Windows XP/Server 2003 only supports TCP/IP)



 If you want to use the sounds from the printer driver, a PC synthesizer (and the PCM synthesizer driver) needs to be installed in your computer.
 Do not use the PC speaker driver (speaker.drv). This printer use bidirectional communication. Operation of the printer
when connected via unidirectional communication equipment has not
been tested, and as a result, Canon cannot guarantee printer operation
when the printer is connected using unidirectional print servers, USB hubs
and switching devices.

^{*} As the actual amount of memory that is available for use differs depending on the configuration of your computer system and the application you are using, printing cannot be guaranteed in all cases in the above environments.



Taking the Printer out of the Package and Installing the Printer

Confirming the Package Contents

Before installing the printer, check that all of the following components were included in the package. In the rare event that any components are missing or damaged, contact the store where you purchased the printer.



□"LBP5200 User Software" CD-ROM

- CAPT (Canon Advanced Printing Technology) Software
- USB Class Driver
- . Getting Started Guide (This Manual)
- · User's Guide
- · CAPT Windows Firewall Utility



□Toner Cartridge x4



□Drum Cartridge





- The toner cartridges and drum cartridge that are supplied with the printer are different from the replacement toner cartridges and drum cartridge.
 Refer to Chapter 5 "Routine Maintenance" in the *User's Guide* when you purchase a replacement toner cartridge or drum cartridge.
- Interface cables are not supplied with this printer. Obtain a cable that matches the computer you are using and your connection method.

Carrying the Printer to the Installation Site and Removing the Packing Material

Once you have secured an installation site, take the printer and paper feeder out of the package and carry them to the installation location. Cellophane tape and packing materials are attached to the printer protect it from vibrations and shocks during transport. Once you are at the installation site, remove this tape and packing material.



IMPORTANT

- Install the printer on a platform such as a desk that can easily support the weight of the printer.
- Do not install the paper feeders on a platform that could buckle under the weight of the printer and optional accessories, or where the printer is liable to sink (such as on a carpet or mat).
- If you are installing the 250-sheet paper feeder at this time, install the paper feeder before you take the printer out of the package. For information on setting up the 250-sheet paper feeder, refer to "Installing the 250-sheet Paper Feeder," on p. 31.

1 Take the printer out of the package.

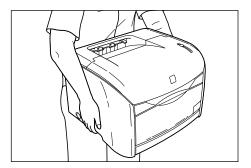


IMPORTANT

Make sure that there is enough space around the area where you will install the printer before taking it out of the package.

Carry the printer to the installation site.

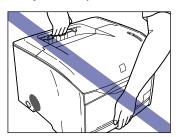
Hold the grips located on both sides of the printer securely with both hands.

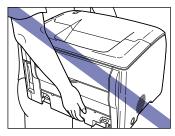




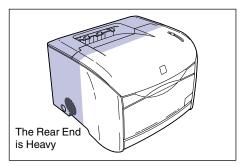
CAUTION

- The printer weighs approximately 17 kg without the drum cartridge or toner cartridges installed. Take care to carry the printer without hurting your back.
- Never hold the printer by the front panel, ventilation slots, rear panel, or anywhere else other than the grips for moving the printer. Doing so may cause the printer to fall, resulting in personal injury.





 The rear side of the printer is the heavy side. When lifting the printer, take care not to lose your balance. Doing so may cause the printer to fall, resulting in personal injury.



3 Slowly move the printer into the installation area.



CAUTION

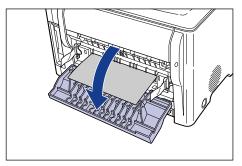
Put the printer down slowly and carefully. You may be injured if your hands, etc. are pinched by the printer.



IMPORTANT

Be sure that there is enough space set aside at the installation site for installing the optional accessories and connecting cables.

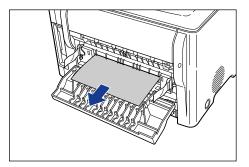
4 Open the sub-output tray on the rear of the printer.



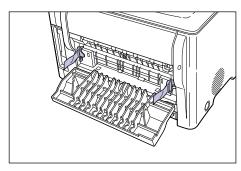
IMPORTANT

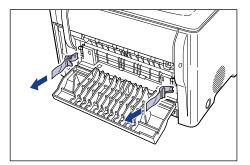
When you open the sub-output tray you will find paper sandwiched in the fuser unit and packing material attached to the left and right sides of the fuser unit. Make sure that you remove the paper before removing the packing material on the left and right sides.

5 Pull out the paper that is sandwiched in the fuser unit.

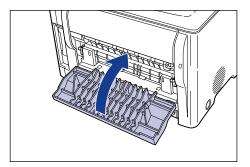


Pull out the tapes to remove the packing material, as shown in the diagram.





7 Close the sub-output tray.



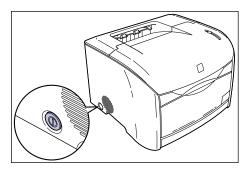


Connecting the Power Cord and Turning the Printer On

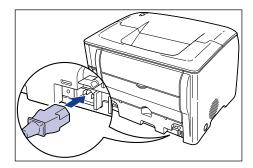


- One AC power outlet should be used exclusively by the printer.
- Do not plug the power cord into the auxiliary power outlet of a computer.
- Do not connect this printer to an uninterruptible power supply. The printer may malfunction when a power outage occurs, and there is a risk that this will damage the printer.
- 1 Make sure that the power switch of the printer is turned off.

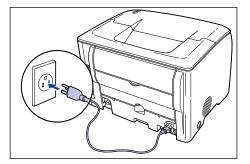
The printer is off when the switch is flush with the surface of the printer.



Plug the supplied power cord securely into the power socket on the printer.

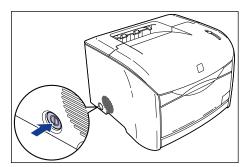


Plug the power plug into the AC power outlet.

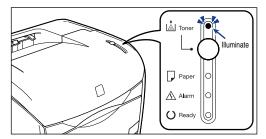


Step

4 Press the power switch to turn the printer on.



The Toner lamp (red) will come on after a short period of time.





Loading the Drum Cartridge and Toner Cartridges

For details on handling the cartridges, refer to Chapter 5 "Routine Maintenance" in the War's Guide.

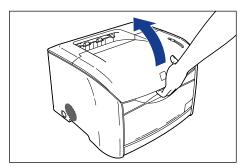


▲ CAUTION

Be careful to avoid staining your clothes or hands with toner. If you do get any toner on your clothes or hands, wash it off immediately with cold water. If you rinse using hot water the toner may become fixed, creating a stain that cannot be removed.

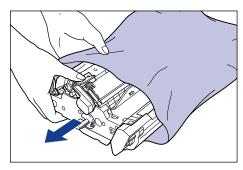
Open the top cover.

Hold the grip on the top cover and open it until it stops.



Take the drum cartridge out of the protective bag.

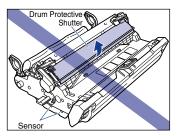
Open the protective bag with scissors, so as not to damage the cartridge.



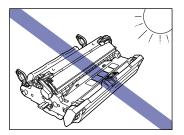


IMPORTANT

- Do not throw away the drum cartridge protective bag. You will need this bag when you remove the drum cartridge for printer maintenance, etc.
- If you touch the inner drum with your hand or scratch it, the printing quality will be degraded. Do not touch or open the drum protective shutter under any circumstances. Be careful not to hold or touch sensitive areas such as the sensor or electrical contacts. Doing so may damage the drum cartridge.

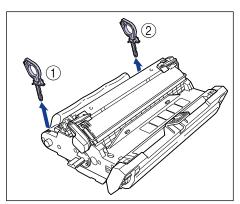


• Do not expose the drum cartridge to direct sunlight or strong light.

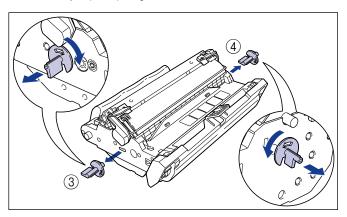


3 Remove the packing materials (7 pieces).

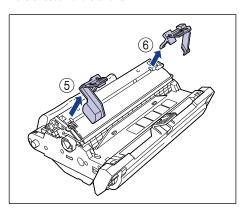
Remove the packing materials 1 and 2 by hooking your fingers into the tabs and pulling them in the direction of the arrows.



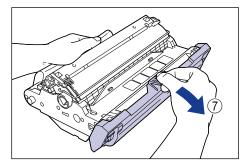
Remove the packing materials ③ and ④ by turning them in the direction of the arrows until they stop and pulling them out.



Remove the packing materials 5 and 6 by holding the grips and pulling them in the direction of the arrows.

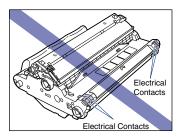


Hold the packing material (7) and remove it as shown in the figure.

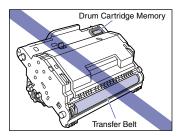


(IMPORTANT

 Do not hold or touch the electrical contacts. Doing so may damage the drum cartridge.



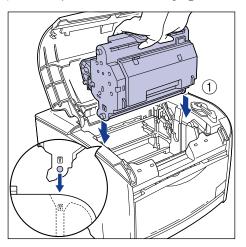
 Do not hold or touch the transfer belt. Doing so will degrade the printing quality. Do not jolt the drum cartridge memory or bring it near a magnetic field. Doing so may damage the drum cartridge.



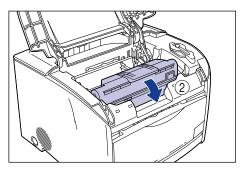
 After removing the packing materials, install the drum cartridge in the printer as soon as possible. • Dispose of the packing materials according to local regulations.

4 Hold the drum cartridge with both hands and insert it into the printer.

Align the triangular mark on the drum cartridge with the triangular mark on the printer when you insert the drum cartridge (1).

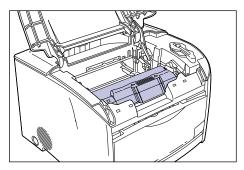


Lock the drum cartridge by pulling it down toward you 2.



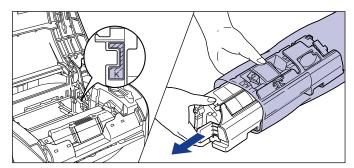
IMPORTANT

Firmly lock the drum cartridge until it is in the state shown in the figure.



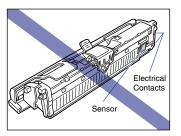
Confirm the color of the label on the toner cartridge holder, then take the toner cartridge of the same color out of the protective bag.

Use scissors to open the protective bag so as not to damage the toner cartridge.

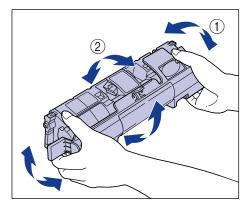


IMPORTANT

 Do not throw away the toner cartridge protective bag. You will need this bag when you remove the toner cartridge for printer maintenance, etc. Be careful not to hold or touch sensitive areas such as the sensor or electrical contacts. Doing so may damage the toner cartridge.



Hold the toner cartridge as shown in the figure, tilt it gently 5 or 6 times from side to side ①, then back and forth ② to distribute the toner evenly inside the cartridge.

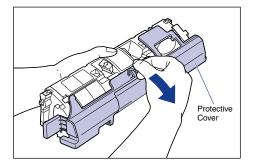


IMPORTANT

- If the toner is not distributed evenly, you may get poor printing quality.
 Make sure you perform this step.
- Tilt the toner cartridge gently. If you do not tilt the cartridge gently, toner may spill out.

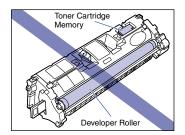
7 Remove the protective cover.

Grasp the protective cover and remove it as shown in the figure.



IMPORTANT

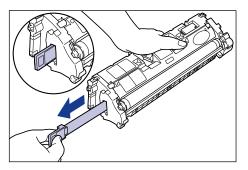
 Do not hold or touch the developing roller. Doing so will degrade the printing quality. Do not jolt the toner cartridge memory or bring it near a magnetic field. Doing so may damage the toner cartridge.



 Do not throw the protective bag away. You will need this bag when you remove the toner cartridge for printer maintenance, etc.

Place the toner cartridge on a flat surface, then slowly pull out the sealing tape (approx. 45 cm in length) while supporting the toner cartridge.

To pull out the sealing tape, grasp the tab at the end of it and pull it straight out in the direction of the arrow.



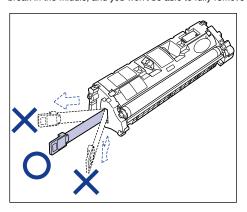
A

CAUTION

If you pull on the sealing tape with excessive force or stop pulling midway, toner may spray from the tape. If toner gets into your eyes or mouth, wash it out immediately with cold water and consult a doctor.

(IMPORTANT

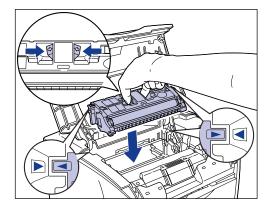
 Do not bend the tape or pull it up or down. If you do, the sealing tape may break in the middle, and you won't be able to fully remove it.



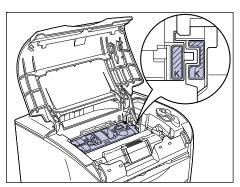
- Keep pulling on the tape until it is fully removed from the cartridge. If any sealing tape is left inside the toner cartridge, you may experience printing problems.
- Dispose of the sealing tape according to local regulations.

9 Hold the grip on the toner cartridge, and install it in the printer.

Align the triangular mark on the toner cartridge with the triangular mark on the printer when you insert the toner cartridge.

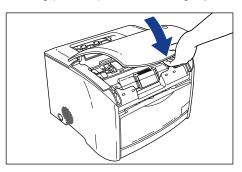


When the toner cartridge is installed properly, the labels on the toner cartridge and the toner cartridge holder will line up as shown in the figure.



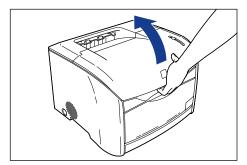
10 Close the top cover.

Hold the grip on the top cover and close it gently.



The toner cartridge holder rotates to the position of the next color to install. Do not open the top cover of the printer while the toner cartridge holder is rotating.

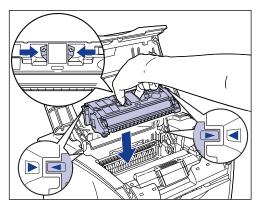
11 Open the top cover after the operating sound of the printer stops (approx. 1 second).



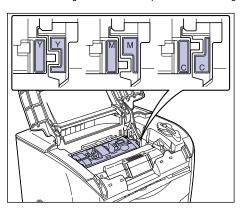
IMPORTANT

Even when you are using new toner cartridges, toner may adhere to the toner cartridges and the areas around the toner cartridges when you open and close the top cover. This has no effect on printer operation, printing quality, or toner consumption, and the printer can be used as it is.

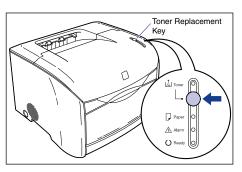
12 Repeat Steps 5 to 11 to install all the color toner cartridges.



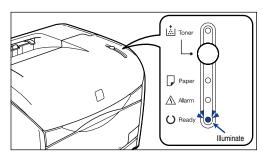
When the toner cartridge is installed properly, the labels on the toner cartridge and the toner cartridge holder will line up as shown in the figure.



13 Close the top cover, and press (Toner Replacement) for 2 seconds.



The Toner lamp will turn off after a short period of time, and the Ready lamp (blue) will come on.







Loading Paper

The standard configuration of the printer only provides the multi-purpose tray as a paper source. By installing the optional 250-sheet paper feeder, paper can be fed from a total of 2 paper sources.

This section only describes the procedure for loading plain paper into the multi-purpose tray. If you want to load paper other than plain paper into the multi-purpose tray, or you want to use the 250-sheet paper feeder, refer to the following points.

- To load transparencies or envelopes in the multi-purpose tray.
 See Chapter 2 "Loading and Collecting Paper" in the User's Guide.
- To fit the optional 250-sheet paper feeder to the printer.
 Refer to "Installing the 250-sheet Paper Feeder," on p. 31.
- To load paper in the cassette of the optional 250-sheet paper feeder.
 Refer to "Loading Paper into the Paper Cassette," on p. 35.

Loading Paper in the Multi-purpose Tray

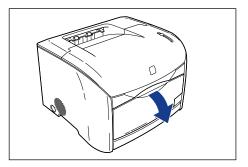
The multi-purpose tray can be loaded with up to 125 sheets of paper (64 g/m^2) with dimensions in the range of 76.2 to 215.9 mm wide and 127.0 to 355.6 mm long. You can also load transparencies, envelopes and other paper that cannot be loaded in the paper cassette.



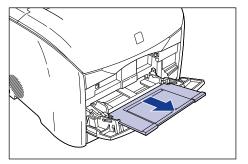
Do not place anything on the multi-purpose tray apart from the paper that you will print on. Do not push down on the tray, or apply any unnecessary force. Doing so may damage the multi-purpose tray.

1 Open the multi-purpose tray.

Grasp the handhold in the center of the printer, and open the multi-purpose tray.



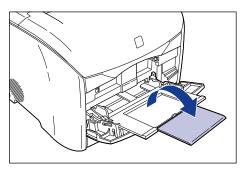
Pull out the auxiliary tray.



IMPORTANT

Be sure to pull out the auxiliary tray when you load paper in the multipurpose tray.

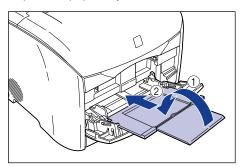
3 Open the extension tray when you are loading longer paper sizes such as A4.



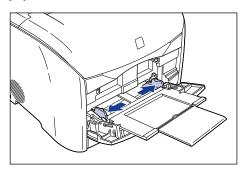


Before you close the multi-purpose tray, remove all of the paper from the tray then close the tray by reversing the procedure you used to open it.

Keep the multi-purpose tray closed when it is not used.

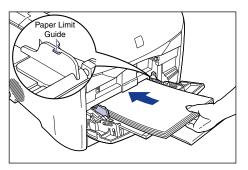


Push the paper guides out a little wider than the actual paper width.



Gently load the stack of paper with the printing side facing up until it touches the back of the tray.

Be sure that the paper stack passes under the paper limit guides.



Λ

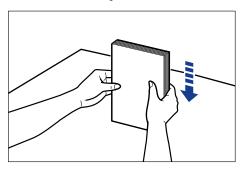
CAUTION

When loading paper, take care not to cut your hands with the edges of the paper.



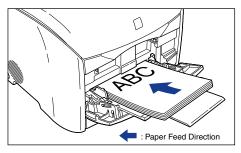
 The number of pages that can be loaded in the multi-purpose tray varies depending on the type of paper. For details, refer to Chapter 2 "Loading and Collecting Paper" in the *User's Guide*.

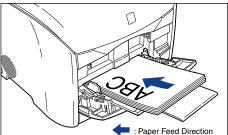
- Check that there is sufficient clear space between the paper limit guides and the paper. If there is no free space, slightly reduce the amount of paper.
- Load the paper so that it is straight.
- If the rear edge of the paper stack is not properly aligned, the paper may misfeed or become jammed.
- If the paper is curled or folded at the corners, flatten it out before loading.
- If you use paper that has been poorly cut, the paper may have a tendency to double-feed. In this case, thoroughly line up the edges of the paper on a flat surface before loading it.



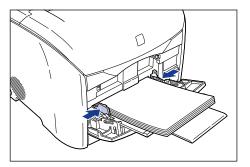


To print on letterhead paper or paper with a logo already printed on it, load the paper so that the printed side is facing up and the top of the paper is at the far end, as shown below.



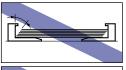


6 Slide and fit the paper guides to both sides of the stack.

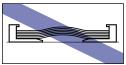


IMPORTANT

Always make sure the paper guides match the width of the paper. If the
paper guides are too loose or too tight, the paper will not feed properly and
this will cause paper jams.







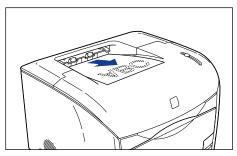
 Do not touch the paper in the multi-purpose tray or pull it out during printing as this may cause printer errors.

Selecting an Output Tray

This printer is fitted with two output trays, the "Output Tray" on the top of the printer and the "Sub-Output Tray" on the rear.

■ Output Tray

Pages are output to the output tray on the top of the printer with the printed side facing down.

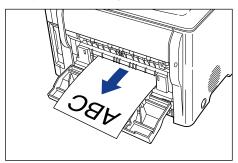




The output tray can hold up to approximately 125 sheets of plain paper (64 g/m^2) .

■ Sub-Output Tray

Pages are output to the sub-output tray on the rear of the printer with the printed side facing up. Because paper output to the sub-output tray is ejected directly from the printer, it is suitable for printing on transparencies, envelopes and other easily curled media.

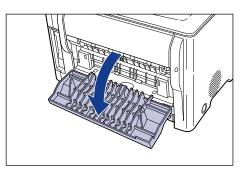


IMPORTANT

Paper should be removed from the sub-output tray one sheet at a time as it is ejected from the printer.

Switching to the Sub-Output Tray

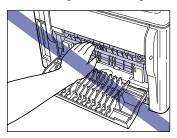
To print to the sub-output tray, simply open the sub-output tray.





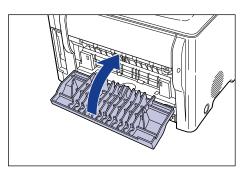
CAUTION

The fuser unit is inside the sub-output tray. Because the area around the fuser unit becomes hot while the printer is in use, take care to avoid touching this area. Doing so can cause burns.



Switching to the Output Tray

To print to the output tray, simply close the sub-output tray.





Installing the Software and Connecting the Printer to a Computer

This section describes the procedure for installing the printer driver and the USB class driver.

This printer is compatible with the following types of USB.

Windows 98/Me: USB Full-Speed (USB1.1 equivalent)

Windows 2000/XP/Server 2003: USB 2.0 Hi-Speed/USB Full-Speed (USB1.1 equivalent)

For details on using this printer in a network environment, refer to "Installing the Network Board (AXIS 1611)," on p. 42.



WARNING

If you are connecting or disconnecting the USB cable while the printer power plug is connected to a power outlet, make sure that you do not touch the metal parts of the connector. Doing so may cause an electrical shock.



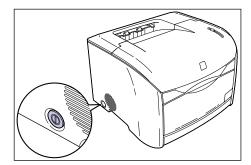
- Do not connect or disconnect the USB cable under the following circumstances. Doing so may cause invalid operations on the computer or printer.
- While the operating system is starting up right after the computer is turned on
- While the printer is in the middle of printing
- If you are connecting or disconnecting the USB cable while the computer and printer are turned on, make sure you wait at least 5 seconds after unplugging the cable before reconnecting. Reconnecting the cable immediately after disconnecting it may cause the computer or printer to become inoperable.
- This printer performs bi-directional communications while printing.
 Connecting to print servers, USB hubs and switching devices that require uni-directional communication may cause faulty operation.

- Do not connect the USB cable before installing the software. If you do, you
 will not be able to install the software properly. Connect the printer to the
 computer using the USB cable at the appropriate point during the
 installation (Step 10 → p. 26).
- If you are using Windows 2000/XP/Server 2003, be sure to log on as a user who is a member of the Administrators group when the computer starts.
- The screen shots shown in this section are taken from Windows XP Professional.



A USB cable is not supplied with the printer. Obtain a USB cable that matches the computer you are using.

Make sure that the printer is turned off and that the computer and printer are not connected by a USB cable.



(IMPORTANT

- At some point during the installation procedure (Step 10 → p. 26) you will need to connect the USB cable and turn the printer on.
- If the Plug and Play automatic setup wizard appears, click [Cancel] and install the CAPT software using the following procedure.

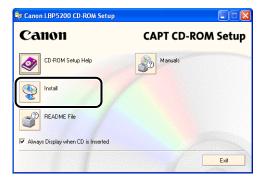
- **2** Turn the computer on and start up Windows.
- Insert the supplied "LBP5200 User Software" CD-ROM into the CD-ROM drive.



If the CD-ROM Setup program does not start automatically, select [Run] from the [Start] menu, enter "D:\English\CNAC3MNU.exe", and click the [OK] button.

(In this case, the CD-ROM drive is assumed to be assigned to "D:". The actual CD-ROM drive letter may be different depending on the computer you are using.)

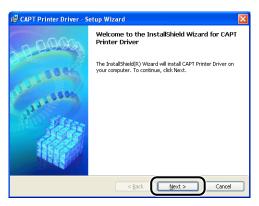
4 Click [Install].



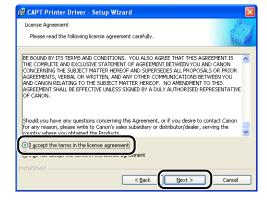
5 Check that the language is correct and click [Yes].



6 Click [Next].

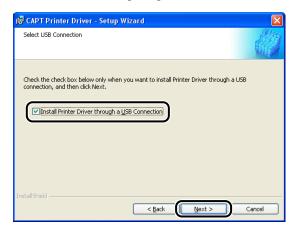


7 Check the contents of the agreement and select [I accept the terms in the license agreement], and then click [Next].





Select the [Install Printer Driver through a USB Connection] checkbox, then click [Next].



Depending on your system, a message may appear prompting you to restart your computer. If this happens, restart the computer before continuing with the installation.

If you are using an operating system equipped with Windows Firewall, such as Windows XP Service Pack 2, the following window is displayed. Click [Yes] or [No].



Click [Yes] to configure Windows Firewall to unblock communication with client computers. Select this option if the computer you are currently installing is a print server.

Click [No] to configure Windows Firewall to block communications with client computers.

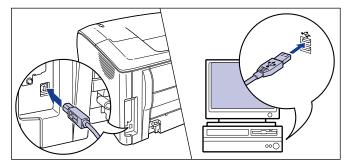
The message [Unable to cancel setup after setup is started. Are you sure you want to start setup now?] is displayed. Click [Yes].



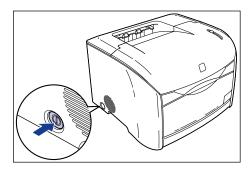
10 When the following window is displayed, connect the printer to the computer with the USB cable and turn the printer on.



Connect the printer to the computer using the USB cable.



Press the power switch to turn the printer on.



Installation of the USB class driver and the printer driver starts automatically.



- A USB cable is not supplied with the printer. Obtain a USB cable that matches the computer you are using.
- If the computer does not automatically detect the printer after you connect the USB cable, refer to Chapter 7 "Troubleshooting" in the *User's Guide*.

When the installation complete screen is displayed, select [Yes, I want to restart my computer now], and then click [Exit].



Windows restarts.



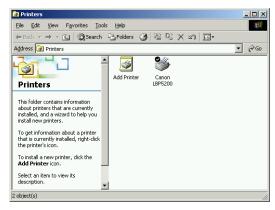
If the driver installation did not finish successfully, refer to Chapter 7 "Troubleshooting" in the *User's Guide* for information on uninstalling and re-installing the CAPT driver.

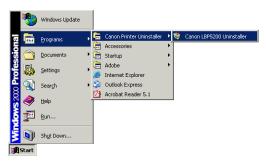
After Completing Installation

When installation of the CAPT software is complete, an icon and folder for the printer will be created as follows.

■ For Windows 98/Me/2000

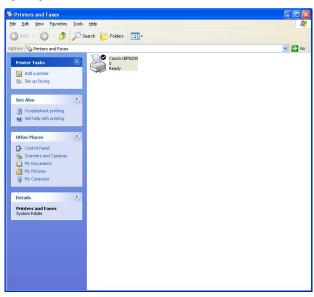
- A [Canon LBP5200] printer icon will be displayed in the [Printers] folder.
- [Canon Printer Uninstaller] will be added to [Programs] under the [Start] menu.





■ For Windows XP/Server 2003

- A [Canon LBP5200] printer icon will be displayed in the [Printers and Faxes] folder.
- [Canon Printer Uninstaller] is added to [All Programs] under the [Start] menu.





Step 5

Printing a Test Page

Before using the printer for the first time, be sure to print a test page using the following procedure.



The screen shots shown in this section are taken from Windows XP Professional.

1 Open the [Printers and Faxes] folder or [Printers] folder.

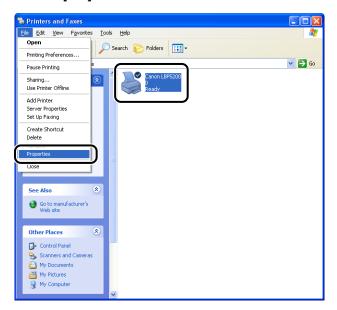
For Windows 98/Me/2000: Select [Settings] → [Printers] from the [Start] menu. For Windows XP Professional/Server 2003: Select [Printers and Faxes] from the [Start] menu.

For Windows XP Home Edition: Select [Control Panel] from the [Start] menu, then click [Printers and Other Hardware] → [Printers and Faxes].



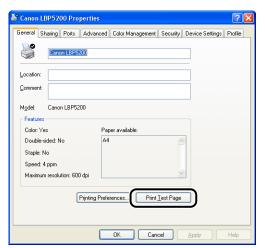
The [Printers and Faxes] folder or the [Printers] folder is displayed.

Select the [Canon LBP5200] icon, then select [Properties] from the [File] menu.



The [Properties] dialog box for the printer is displayed.

Click [Print Test Page] on the [General] sheet.



The printer will begin printing a test page.



IMPORTANT

If you are using Windows 98/Me, the [Separator page] option is disabled for printing.

4 If the test page printed properly, click [OK].





If the test page did not print correctly, refer to Chapter 7 "Troubleshooting" in the User's Guide for information on uninstalling and re-installing the CAPT driver.

The printer is now ready to print.

Read the *User's Guide* to get the most out of the features of your printer.

Step 5

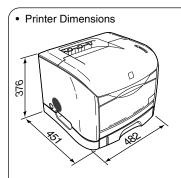


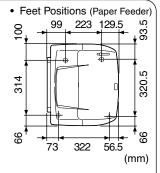
Installing Optional Accessories

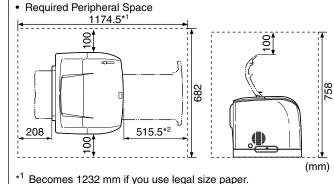
Installing the 250-sheet Paper Feeder

Installation Space

The dimensions, required peripheral space, and feet position of the printer with the optional 250-sheet paper feeder installed are as follows.



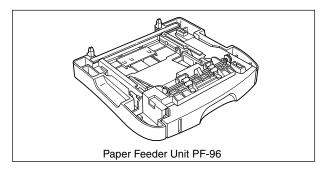




*2 Becomes 573 mm if you use legal size paper.

Confirming the Package Contents

Before installing the 250-sheet paper feeder, make sure that all of the following items are present in the package. In the rare event that any components are missing or damaged, contact the store where you purchased the feeder.



Installing the 250-sheet Paper Feeder

Install the 250-sheet paper feeder to the base of the printer using the following procedure.

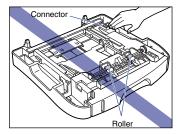


WARNING

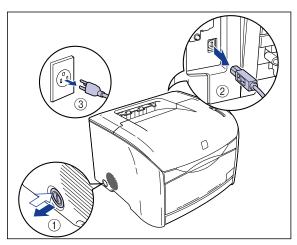
Make sure you turn the printer off, disconnect the power plug and remove all interface cables and the power cord from the printer before attaching the 250-sheet paper feeder. If you remove the paper feeder without unplugging the cables, the electrical cord and interface cables may be damaged, causing a fire or electrical shock.

IMPORTANT

• Do not touch the connectors or rollers in the paper feeder. Doing so may damage the feeder or cause paper feeding problems.



- Tape and packing materials are attached to protect the 250-sheet paper feeder from vibrations and shocks during transport. Make sure you remove all packing material before use.
- Store the packing materials carefully, as you will need them when you transport or repair the 250-sheet paper feeder.
- Press the power switch to turn the printer off (1), remove the USB cable 2, and disconnect the power plug from the power outlet ③.



- Remove all the interface cables and the power cord from the printer.
- Move the printer from the installation site.

Hold the grips located on both sides of the printer securely with both hands.

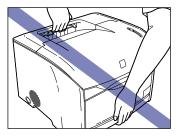


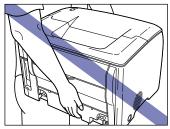


CAUTION

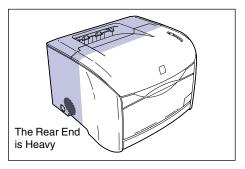
• This printer weighs approximately 22.7 kg (Main Unit: Approx. 17 kg; 4 x Toner Cartridge: Approx. 3.2 kg; Drum Cartridge: Approx. 2.5 kg). Take care to carry the printer without hurting your back.

 Never hold the printer by the front panel, ventilation slots, rear panel, or anywhere else other than the grips for moving the printer. Doing so may cause the printer to fall, resulting in personal injury.



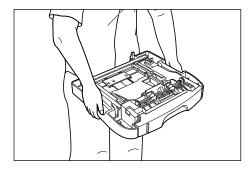


 The rear side of the printer is the heavy side. When lifting the printer, take care not to lose your balance. Doing so may cause the printer to fall, resulting in personal injury.

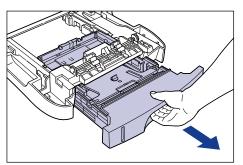


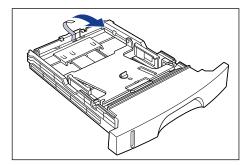


When carrying the paper feeder, hold the grips on both sides as shown in the figure.

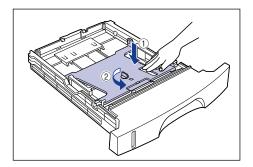


5 Pull out the paper cassette from the paper feeder.

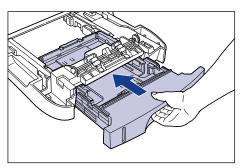




Push down the paper cassette plate ① and remove the packing material by rotating it to the left ②.

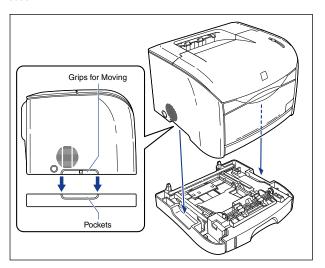


8 Insert the paper cassette into the paper feeder.



9 Put the printer down slowly on the paper feeder.

Place the printer so that the transport grips align with the pockets on the paper feeder.



A

CAUTION

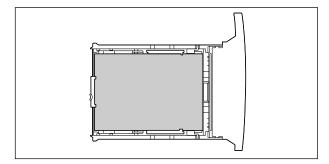
Put the printer down slowly and carefully on the paper feeder. You may be injured if your hands, etc. are pinched by the printer.

- 10 Connect the interface cables except for the USB cable, and connect the power cord.
- 11 Plug the power plug into the AC power outlet.
- 12 Connect the USB cable.

Loading Paper into the Paper Cassette

Up to approximately 250 sheets of plain paper (64 g/m^2) in sizes of A4, B5, A5, Legal, Letter, and Executive can be loaded in the paper cassette in the 250-sheet paper feeder (Cassette 1).

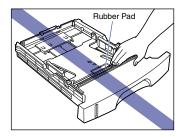
Be sure to load the paper lengthways when loading it in the paper cassette.



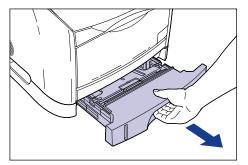
IMPORTANT

- When loading paper for the first time after installing the paper feeder, you should turn the printer on at least once before loading the paper.
- Do not pull paper out of the paper cassette while the printer is printing.
 Doing so can cause paper jams and printer faults.
- Do not load the paper cassette with anything other than plain paper (64 to 105 g/m²). Doing so can cause paper jams and printer faults.
- Do not load paper that has jagged edges, creases, or that is extremely curly. Doing so can cause paper jams and printer faults.
- The number of sheets of plain paper that can be loaded in the paper cassette is approximately 250 (for 64 g/m² paper). Make absolutely sure that you do not load paper beyond the paper limit marks. Loading paper past the paper limit mark can cause paper feed errors.

- For more details on printable paper, refer to Chapter 2 "Loading and Collecting Paper" in the User's Guide.
- Do not refill the tray until after all of the paper has run out. Refilling the cassette before it is empty can cause paper feeding errors.
- Do not touch the black rubber pad on the paper cassette. Doing so may cause paper feeding errors.



1 Pull out the paper cassette.

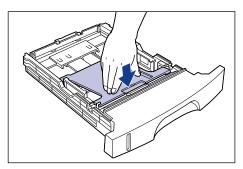




CAUTION

When loading paper, make sure that the paper cassette is pulled fully out of the printer. If you attempt to load paper when the cassette is only pulled out partway you may drop the paper cassette or knock over the printer, which can cause personal injuries.

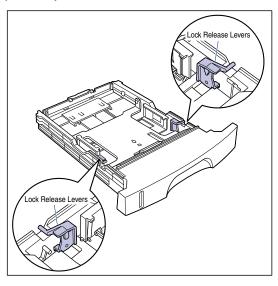
Push down the plate in the paper cassette to lock it.



A

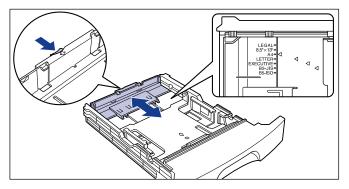
CAUTION

When the plate in the paper cassette is locked, do not touch the lock release levers on the left and right sides of the paper cassette. If the locks are released, the plate springs up forcefully, and this can cause personal injuries.



Squeeze the lock release lever on the rear paper guide and slide the paper guide to the mark corresponding to the paper size you want to use.

The paper size indicated on the paper guide should be aligned with the \triangleleft mark.

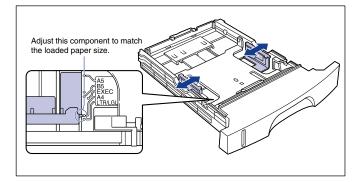


IMPORTANT

If you are using B5 size paper (182 mm x 257 mm), set the paper guide to [B5-JIS]. Do not use the [B5-ISO] position. Also, do not use the [8.5" x 13"] position.

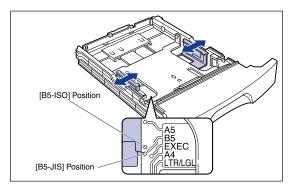
4 Adjust the positions of both of the side paper guides to match the paper size.

When adjusting the side paper guides, hold both of the guides at the same time.

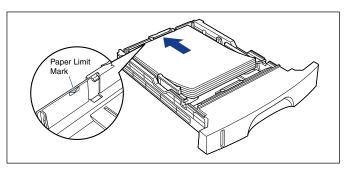


IMPORTANT

If you are using B5 size paper (182 mm \times 257 mm), set the paper guides to the positions shown in the diagram ([B5-JIS] position). Do not use the [B5-ISO] position.



Load the paper stack so that the far end of the pages touches the paper guide.



Λ

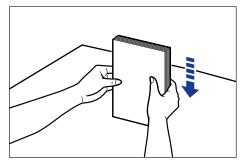
CAUTION

When loading paper, take care not to cut your hands with the edges of the paper.

IMPORTANT

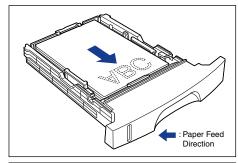
- Always check that the paper guide matches the size of the paper you are loading. If the paper guide does not match the paper size that you load, paper feeding errors will occur.
- The number of sheets of plain paper that can be loaded in the paper cassette is approximately 250 (for 64 g/m² paper). Make absolutely sure that you do not load paper beyond the paper limit mark on the paper guide.
 Loading paper past the paper limit mark can cause paper feed errors.

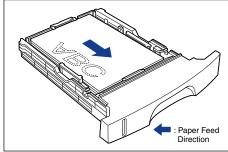
• If you use paper that has been poorly cut, the paper may have a tendency to double-feed. In this case, thoroughly line up the edges of the paper on a flat surface before loading it.





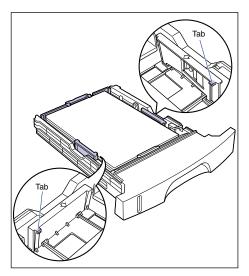
To print on letterhead paper or paper with a logo already printed on it, load the paper so that the printed side is facing up and the top of the paper is at the far end, as shown below.





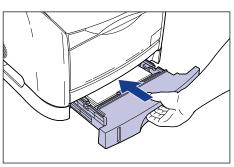
6 Press down on both sides of the paper stack to make sure that it is under the hooks on the side paper guides.

Check that there is sufficient clear space between the tabs and the paper. If there is no free space, slightly reduce the amount of paper.



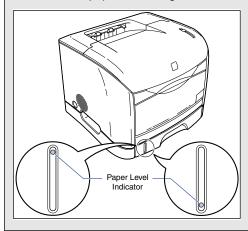
7 Insert the paper cassette into the printer.

Push the paper cassette firmly into the printer until the front side of the cassette is flush with the front surface of the printer.



Paper Level Indicator

The paper cassette has a paper level indicator that shows the amount of paper remaining in the cassette. If the cassette is fully loaded, the paper level indicator is at the top. Because the indicator moves down as the amount of paper drops, this gives a rough estimate of the amount of paper remaining.



Registering the Paper Size for the Paper Cassette

This printer's paper cassette cannot automatically detect the paper size. Therefore, you need to register the size of paper loaded in the paper cassette (Cassette 1).



As you cannot update the paper size while printing is in progress, check that the printer is idle before registering the paper size. You can register the paper size while one of the following messages is displayed.

- Printing Paused
- Specified Paper Incorrect
- Out of Paper
- No XXX in Cassette 1. (where XXX is a paper size)

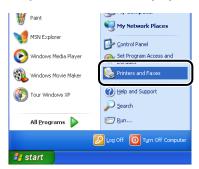


The screen shots shown in this section are taken from Windows XP Professional.

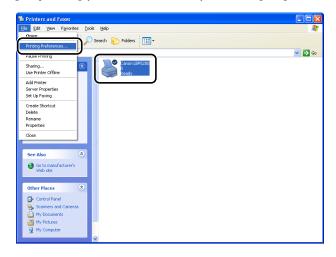
1 Open the [Printers and Faxes] folder or [Printers] folder.

For Windows 98/Me/2000: Select [Settings] → [Printers] from the [Start] menu. For Windows XP Professional/Server 2003: Select [Printers and Faxes] from the [Start] menu.

For Windows XP Home Edition: Select [Control Panel] from the [Start] menu, then click [Printers and Other Hardware] \rightarrow [Printers and Faxes].

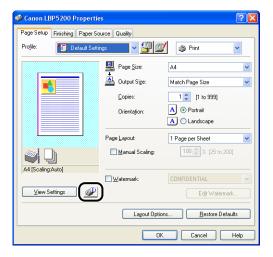


2 Select the [Canon LBP5200] icon, then select [Printing Preferences] (For Windows 2000/XP/Server 2003) or [Properties] (For Windows 98/Me) from the [File] menu.



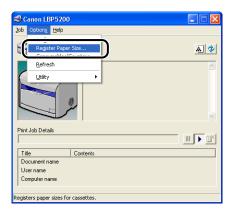
The [Properties] dialog box for the printer is displayed.





The Printer Status Window appears.

4 Select [Register Paper Size] from the [Options] menu in the Printer Status Window.



The [Register Paper Size] dialog box will appear.

From [Cassette 1], select the size of paper loaded in the paper cassette, then click [OK].

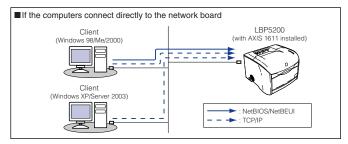


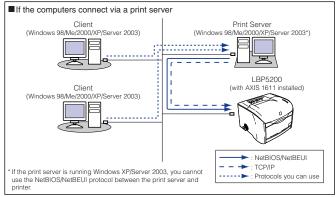


Installing the Network Board (AXIS 1611)

Installing the optional network board (AXIS 1611) allows you to use the LBP5200 directly over a network.

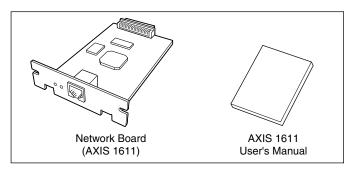
For more details on the AXIS 1611, visit the Axis Communications website (http://www.axis.com/).





Confirming the Package Contents

Before installing the network board, make sure that all of the following items are present in the package. In the rare event that any components are missing or damaged, contact the store where you purchased the feeder.

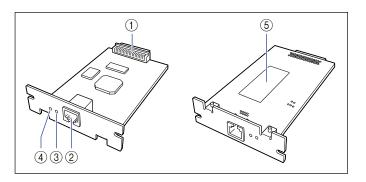




NOTE

A LAN cable is not supplied with the network board. If you are installing the network board to connect the printer to a network, you will need a category 5 twisted pair cable. Cables, hubs, etc. should be obtained separately as required.

Parts and Functions



(1) Printer Connector

This is the connector that plugs into the printer. Do not touch the connector with your fingers.

Step 6

- (2) LAN Connector Connects to a 10BASE-T/100BASE-TX LAN cable.
- (3) Status Lamp Shows the status of the network board. If the lamp flashes when the LAN cable is not connected, the network board is malfunctioning.
- (4) Power Lamp This light turns on when the printer is on. If this lamp does not come on when the printer is turned on, the network board is malfunctioning.
- (5) MAC Address Label Displays the MAC address of this network board.

Installing the Network Board

Install the network board in the expansion board slot located on the rear of the printer using the following procedure. You will need a Philips-head screwdriver to install the network board. Prepare a screwdriver in advance that matches the size of the screws.



CAUTION

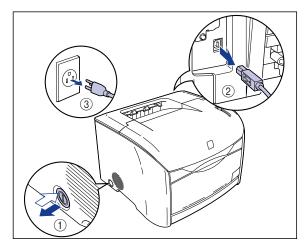
- Make sure that the printer is turned off and that all interface cables and power cord are disconnected from the printer before installing the network board. Attempting to install the board with the power on may result in electrical shock.
- Take care when you are handling the network board. Do not touch the corners or sharp areas of the network board as this may cause personal injury.



The network board contains components that are sensitive to static electricity. To avoid damaging the board due to static electricity, observe the following handling precautions.

- Touch a metal object to dissipate static electricity before handling the network board.
- When handling the network board, do not touch anything that generates static electricity such as the computer display.
- Do not touch any of the components, printed wiring, or connectors on the network board.
- To avoid the effects of static electricity, do not remove the network board from the protective bag until immediately before you install it. The protective bag is also needed when you remove the network board. Store the protective bag and do not discard of it.

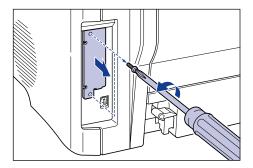
Press the power switch to turn the printer off (1), remove the USB cable 2), and disconnect the power plug from the power outlet ③.



Remove all the interface cables and the power cord from the printer.

If there is not enough space to install the network board, move the printer to a place where it is easier to work.

3 Remove the 2 screws from the top and bottom sections of the expansion board slot, and then remove the protective plate.

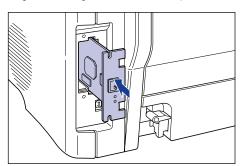


IMPORTANT

You will need the screws that you removed to attach the network board. You will also need the protective plate if you remove the network board. Store these parts and do not discard them.

Insert the network board into the expansion slot.

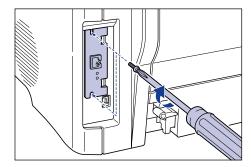
Hold the metal panel portions of the network board and insert the board so that it is aligned with the guide rails inside the expansion slot.



IMPORTANT

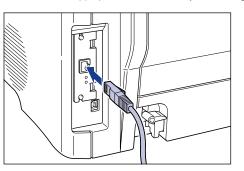
- Do not touch any of the components, printed wiring, or connectors on the network board.
- Push the network board firmly until the printer connector on the network board is securely plugged into the connector inside the expansion slot.

5 Attach the top and bottom parts of the network board using the 2 screws that you removed in Step 3.



6 Plug the LAN cable into the connector in the network board.

Make sure to use a LAN cable that is compatible with the LAN socket on the network board as appropriate for the network you are using.

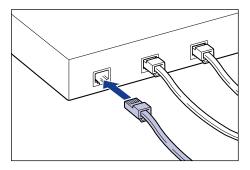




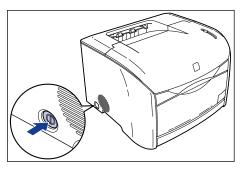
⊘ NOTE

A LAN cable is not supplied with the network board. If you are installing the network board to connect the printer to a network, you will need a category 5 twisted pair cable. Cables, hubs, etc. should be obtained separately as required.

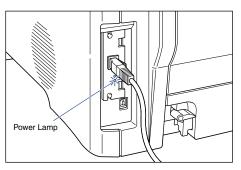
7 Connect the other end of the LAN cable to a hub.



- Connect all interface cables and the power cord to the printer.
- 9 Plug the power plug into the AC power outlet.
- 10 Press the power switch to turn the printer on.



11 Check that the Power lamp on the network board is on.



If the network board is not working properly, turn the printer off, and then check the LAN cable connection, hub operation, and network board installation. If the board still does not operate when the power is on, refer to the users guide supplied with the AXIS 1611.

Appendix

Contents of CD-ROM

■ CAPT (Canon Advanced Printing Technology) software, USB class driver

The CAPT (Canon Advanced Printing Technology) software included on the supplied CD-ROM is required to be able to use the printer. Make sure this is installed on the computer that you use.

The USB class driver is software that allows the printer to use the USB port. The CAPT (Canon Advanced Printing Technology) software and USB class driver contain the following items.

- CAPT Printer Driver for Windows 98/Me
- CAPT Printer Driver for Windows 2000/XP/Server 2003.
- USB Class Driver for Windows 98*
 - * The USB Class driver for Windows Me/2000/XP/Server 2003 is the standard USB class driver used by the operating system.



Be sure to read [README File] before using the CD-ROM Setup.

CD-ROM Setup

When the CD-ROM is inserted into the CD-ROM drive, the following CD-ROM Setup program will automatically run.

You can install the software from the CD-ROM Setup program.



CD-ROM Setup Help

Click this button to show online help about the CD-ROM menu. Click on any item to display a description.

Install

Click this button to start the setup wizard for installing the printer driver.

README File

Click this button to display the README file for the printer driver. This file does not contain the online help and users manuals, but contains separate information and important points. Make sure you read this file before using the printer.

Manuals

Click this button to display the [LBP5200 Online Manuals]. Regardless of whether you click on [Getting Started Guide] or [User's Guide], the files are displayed as PDFs. You need Adobe Reader or Adobe Acrobat Reader to read PDF format files. If Adobe Reader or Adobe Acrobat Reader is not installed on the system you are using, you can download and install it from the Adobe Systems website.

* The following PDF manuals are stored in the [Manuals] folder in the supplied CD-ROM.

Getting Started Guide: Manual_1.pdf User's Guide: Manual_2.pdf

Exit

Closes the CD-ROM Setup.



NOTE

- If the [Always Display when CD is Inserted] option is selected, the CD-ROM Setup will automatically run every time the CD is inserted in the CD-ROM drive.
- If the CD-ROM Setup program does not start automatically, select [Run] from the [Start] menu, enter "D:\English\CNAC3MNU.exe", and click the [OK] button.

(In this case, the CD-ROM drive is assumed to be assigned to "D:". The actual CD-ROM drive letter may be different depending on the computer you are using.)

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