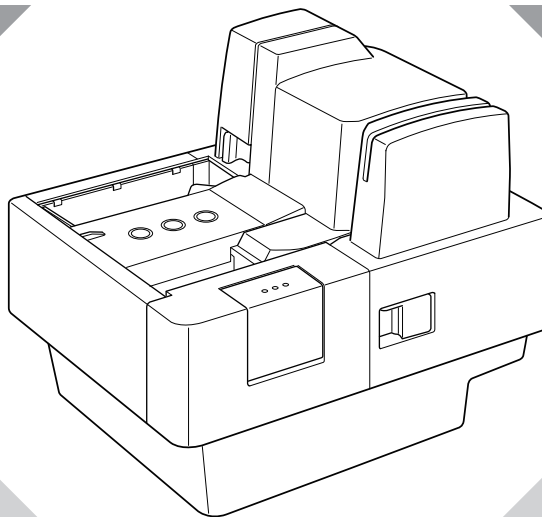


Setup & Operation Guide



Please read this manual before operating this scanner.

FCC REGULATIONS (For 120V model)

Check Reader, Model M112010/M112030/M112040/M112060/M112100/M112120

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of shielded cable is required to comply with class B limits in Subpart B of Part 15 of FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Canon U.S.A. Inc.

One Canon Park, Melville, NY 11747, U.S.A.

Tel. No. (800)652-2666

RADIO INTERFERENCE REGULATIONS (For 120V models)

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus", ICES-003 of the Industry Canada.

RÈGLEMENT SUR LE BROUILLAGE RADIOÉLECTRIQUE (For 120V models)

Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: "Appareils Numériques", NMB-003 édictée par l'Industrie Canada.

International ENERGY STAR® Office Equipment Program



As an ENERGY STAR® Partner, CANON ELECTRONICS INC. has determined that this machine meets the ENERGY STAR® Program guidelines for energy efficiency.

The International ENERGY STAR® Office Equipment Program is an international program that promotes energy saving through the use of computers and other office equipment. The program backs the development and dissemination of products with functions that effectively reduce energy consumption. It is an open system in which business proprietors can participate voluntarily. The targeted products are office equipment, such as computers, monitors, printers, fax, machine, copiers, and scanners. The standards and logos are uniform among participating nations.

This model doesn't provide "setting options" for power management.

European Union (and EEA) only.



This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2002/96/EC) and your national law. This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service. For more information regarding return and recycling of WEEE products, please visit www.canon-europe.com/environment. (EEA: Norway, Iceland and Liechtenstein)

Für EMVG

Dieses Produkt ist zum Gebrauch im Wohnbereich, Geschäfts- und Gewerbebereich sowie in Kleinbetrieben vorgesehen.

Model Names

The following names may be provided for the safety regulations in each sales region of the Check Reader.

CR-150: Model M112010/M112030

CR-120: Model M112040/M112060

CR-120 UV: Model M112100/M112120

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This is not an exhaustive list.

Canon is not responsible for how this scanner is used by an individual.

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Disclaimers

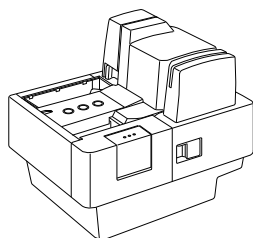
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Packaging: What Is in the Box?

Make sure that you have everything shown below. Check every item you have removed from the box. If any items are missing, contact your local authorized Canon dealer.



CR-150/CR-120



Disc



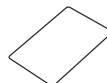
AC Adapter



Card Guard



Power Cord^{*1}



Warranty Card^{*2}



USB Cable



Setup & Operation Guide

^{*1} The power cord varies, according to the country of purchase.

^{*2} For the United States and Canada only.

INTRODUCTION

Thank you for purchasing the Canon Check Reader CR-150/CR-120. Please read this manual thoroughly before using the machine in order to familiarize yourself with its capabilities, and to make the most of its many functions. Unless otherwise noted, CR-120 is used for both the CR-120 and the CR-120 UV models, throughout this manual.

Manuals for the CR-150/CR-120

The following manuals are provided with the CR-150/CR-120. Be sure to read these manuals thoroughly before using the scanner. (The Setup & Operation Guide is extracted from the User Manual.) Electronic manual is stored as a PDF file on the supplied Disc and requires Adobe Reader to open. (You can download Adobe Reader from the Adobe Web site.)

Setup & Operation Guide (This Manual)

Describes the procedure for setting up the CR-150/CR-120 for scanning. Set up the CR-150/CR-120 in accordance with the Setup & Operation Guide. For details on the CR-150/CR-120, refer to the *User Manual* (electronic manual).

User Manual (Electronic Manual): Supplied with the scanner/Electronic Manual

Describes how to use the scanner, and includes instructions for configuring the scanner settings, as well as handling, maintenance, and troubleshooting information.

Symbols Used in This Manual

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

WARNING

Indicates a warning concerning operations that may lead to death or injury to persons if not performed correctly. To use the machine safely, always pay attention to these warnings.

CAUTION

Indicates a caution concerning operations that may lead to injury to persons, or damage to property if not performed correctly. To use the machine safely, always pay attention to these cautions.

IMPORTANT

Indicates operational requirements and restrictions. Be sure to read these items carefully to operate the machine correctly, and avoid damaging the machine.

NOTE

Indicates a clarification of an operation, or contains additional explanations for a procedure. Reading these notes is highly recommended.

Installing the Software

The following software applications are provided on the website.
There are 3 usable software applications.
For the latest software support information, go to the Products page on the Canon website.

ISIS / TWAIN / Canon Driver

The ISIS/TWAIN Driver is the driver conforming to the ISIS/TWAIN standard.
The Canon Driver is the Canon original standard driver. You need this driver to use the Scanning Utility.

Scanning Utility

Canon Scanning Utility is an application that provides scanning, file saving, image viewing, printing, and various other functions. A dedicated scanner driver is installed after you install the utility software.

Ranger

Ranger is an API software. For details on the CR-150/CR-120, refer to the User Manual (electronic manual).

IMPORTANT

- The Scanning Utility includes a device driver so that Windows can recognize the CR-150/CR-120. Be sure to install the Scanning Utility before connecting the CR-150/CR-120 to the computer.
- Some functions mentioned in this manual may not be operated in some applications.

Installing the Scanning Utility

Follow the instructions below to install the Scanning Utility and the dedicated driver.

NOTE

The dedicated scanner driver is installed after the Scanning Utility has been installed.

- 1** Turn ON your computer, and log on to Windows.

IMPORTANT

Be sure to log on as the Administrator.

- 2** Download usable software from the Canon Website.

After executing the downloaded file, follow the instructions on the screen to complete the installation.

IMPORTANT

- The displayed screen, type, file name, and folder name will differ depending on your environment or purpose. These items should be replaced as necessary.
- The computer may need to be restarted, after the installation, depending on the operating system. If this is necessary, make sure to restart the computer.

Connecting the Scanner to a Computer

The way to connect the scanner to your computer is with a USB cable.

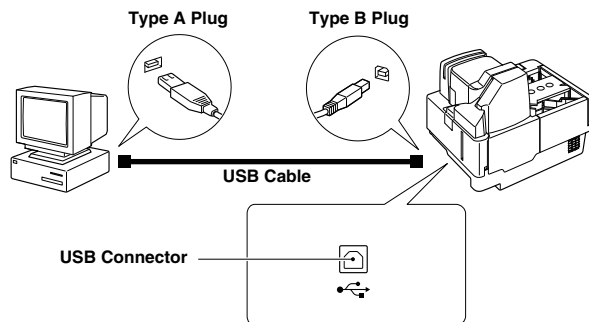
CAUTION

- Do not turn OFF the scanner or remove the interface cable when an application is running.
- Turn OFF the computer and the scanner before changing the cable.

USB Connections

Computer peripherals

Connect the scanner and the computer with the USB cable provided or a Hi-Speed USB 2.0 cable.

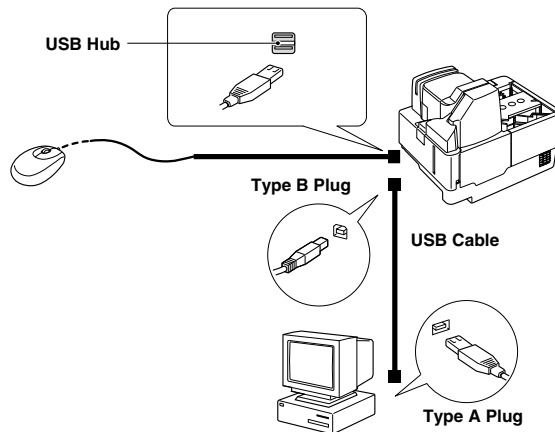


NOTE

Connect the type B plug (square) to the scanner and connect the type A plug (flat) to the USB port on the computer.

Connect the scanner and the computer peripherals

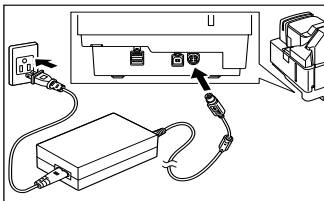
Connect the scanner and the computer peripherals with the USB cable provided or a Hi-Speed USB 2.0 cable.



Connecting the Power Cord

Connect the power cord.

Make sure to use only the power cord provided with the scanner.



WARNING

When connecting the power cord, follow these precautions. Failure to do so may cause a fire or electrical shock.

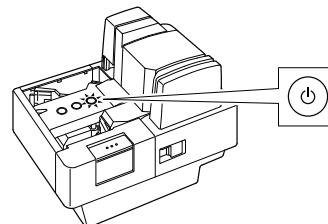
- Never grasp the power plug when your hands are wet.
- Never plug the scanner into a multiplug power strip.
- Never bundle or tie the power cord around itself or another object. Connect the power plug securely into the power outlet.
- Use only the power cord and power plug provided with the scanner.
- Connect only to a power outlet of the rated voltage and power supply frequency (either 100-120 V, 60 Hz or 220-240 V, 50/60 Hz, depending on your region).
- Do not plug the scanner into a power outlet shared with another device. If you use an extension cord, make sure that the extension cord is rated for the current requirements of the scanner.

Turning ON and OFF the Power

Follow the procedures below to turn the scanner power ON and OFF.

Turning ON the Power

- 1 To turn ON the scanner, press the Power Button.



When you turn ON the power, the Power Button flashes slowly and then turns solid blue.

IMPORTANT

If the scanner does not work, or the power LED continues to flash, there is a problem with the scanner. Turn OFF the power, and contact your local authorized Canon dealer or service representative to have the scanner serviced.

WARNING

If you hear strange sounds, detect smoke or abnormal heat, sense a vibration, or smell odd odors around the scanner, turn OFF the power immediately and disconnect the power cord from the power outlet. Contact your local authorized Canon dealer or service representative to have the scanner serviced.

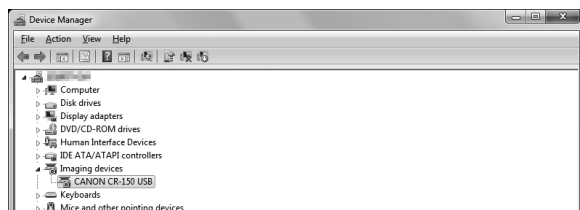
- 2 Turn ON your computer.
- 3 Windows recognizes the CR-150/CR-120 as new hardware, and installation starts automatically.



(Windows 7)

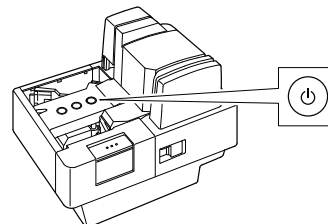
NOTE

The CR-150/CR-120 will be registered as "CANON CR-150 USB" or "CANON CR-120 USB" in the Imaging Device directory.



Turning OFF the Power

- 1 Press and hold the Power Button to turn off the power.



CAUTION

For your safety, disconnect the power plug from the power outlet if you are not using the scanner for a long period of time.

NOTE

The scanner's auto power off setting is enabled by default, and the scanner will turn off automatically if it is not operated for 4 hours. For details on how to disable this setting, refer to the User Manual (Electronic Manual) on p. 40.

Document Feeding and Scanning

For details on the operations, refer to the User Manual (Electronic Manual) on p. 32.

Preparing the Ink Cartridge

This section describes how to prepare the ink cartridge so that you can use the imprinter to print text or a bitmap on scanned documents.

About the Ink Cartridge

The ink cartridge is not included with the scanner. Purchase an ink cartridge separately, as shown below.

Compatible ink cartridges:

Region	Canon Ink Cartridge
North America/ South America	PG-145/ 145XL, 245/ 245XL
EU	PG-445/ 445XL, 545/ 545XL
Asia/ Oceania	PG-645/ 645XL, 745/ 745XL

! IMPORTANT

These ink cartridges are available for 5 years after production has stopped.

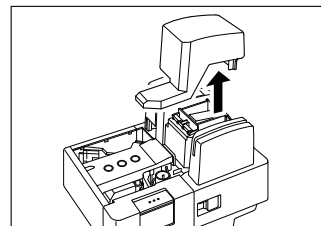
Setting the Ink Cartridge

The ink cartridge needs to be set to print. Set the ink cartridge according to the following procedure.

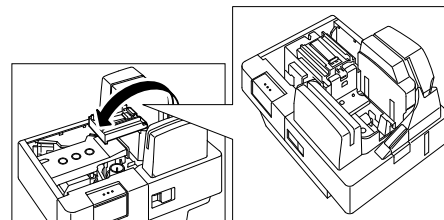
! IMPORTANT

- To set the ink cartridge, turn the scanner OFF before removing the Top Cover. After the ink cartridge is set, replace the Top Cover, and then turn the scanner back ON.
- Finish up the unpacked ink cartridge as soon as possible. More frequent cleaning of the ink cartridge is required if long time elapses after unpacking.

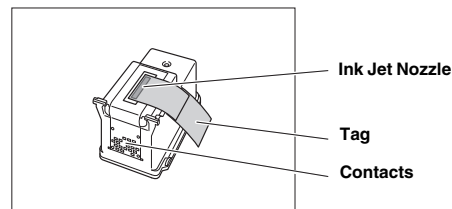
1 Remove the Top Cover.



2 When you open the Nozzle Cleaning Unit, and you can see the cartridge holder.



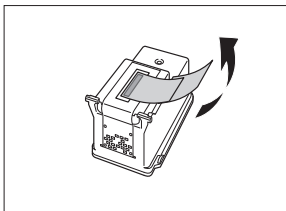
3 Remove the ink cartridge from its bag.



! IMPORTANT

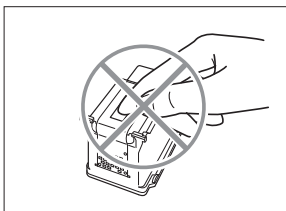
Do not touch the ink cartridge contacts. This can cause a bad electrical contact and reduced print quality.

- 4** Grasp the tag and then peel off the tape covering the ink jet nozzle.

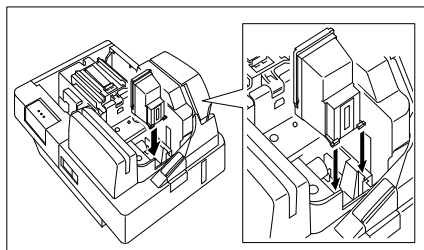


! IMPORTANT

Do not touch the ink jet nozzle or contacts after peeling off the tag and tape.



- 5** Place the ink cartridge shown in the diagram below.



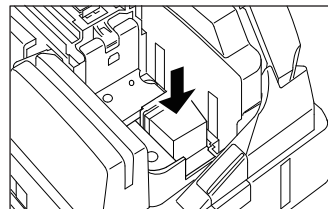
! CAUTION

Do not touch the electrical contact on the carriage. Doing so may cause a malfunction.

NOTE

Do not use more than one cartridge by rotation. If you do so, applications cannot check the ink level precisely.

- 6** Push the ink cartridge in the direction of the arrow until it clicks into place.

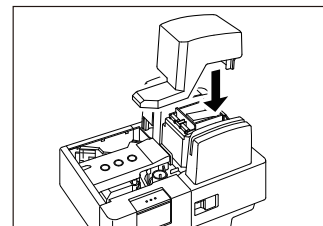


! IMPORTANT

Make sure that the ink cartridge is securely in place.

- 7** Close the Nozzle cleaning Unit.

- 8** Carefully replace the Top Cover.



Important Safety Instructions

Handling

WARNING

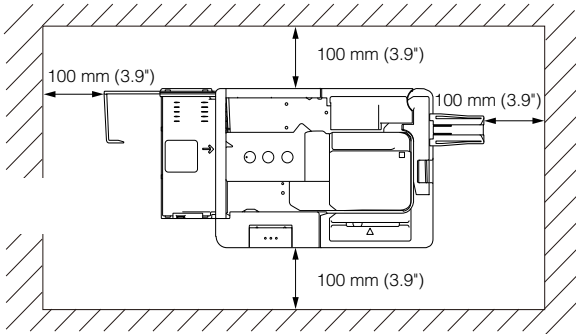
- Never install and operate the scanner near flammable substances, such as alcohol, paint thinner, benzene, or any other type of volatile solution.
- Never damage or modify the power cord, and never place heavy objects on the power cord.
- Always make sure that your hands are dry when you are handling the power cord or power plug. Never grasp the power plug when your hands are wet.
- Never plug the scanner into a multiplug power strip.
- Never bundle, wrap, or tie the power cord around itself or another object. Connect the power plug securely into the power outlet.
- Use only the power cord and power plug provided with the scanner.
- Never attempt to disassemble or modify the scanner.
- Never use flammable aerosol products near the scanner.
- Before you clean the scanner, turn the power OFF and disconnect the power cord from the power outlet.
- To clean the scanner's exterior, use a firmly wrung cloth, moistened slightly with water. Never use any type of volatile solution, such as alcohol, benzene or paint thinner.
- If you hear strange sounds, detect smoke or abnormal heat, sense vibration, or smell odd odors around the scanner, turn OFF the Power immediately and disconnect the power cord from the power outlet. Contact your local authorized Canon dealer or service representative to have the scanner serviced.
- Handle the scanner with care. Avoid shock and vibration to the scanner caused by reckless handling. If you suspect the scanner has been accidentally damaged, turn OFF the Power immediately and disconnect the power cord from the power outlet. Contact your local authorized Canon dealer or service representative to have the scanner serviced.
- Before you move the scanner, always turn OFF the power and disconnect the power cord from the power outlet.
- This product emits low level magnetic flux. If you use a cardiac pacemaker and feel abnormalities, please be away from this product and consult your doctor.

CAUTION

- To avoid damage to the scanner, never place the scanner on an unstable or vibrating surface. The scanner may tip or fall over, causing injury.
- To avoid overheating and causing a fire, never block the air vents on the left side of the scanner.

- Keep all liquids, beverages, or any type of liquid, and clips, staples, necklaces, or other metal objects away from the scanner. If you accidentally spill liquid or drop a metal object into the scanner, turn OFF the power immediately and disconnect the power cord from the power outlet. Contact your local authorized Canon dealer or service representative to have the scanner serviced.
- Never install the scanner in humid or dusty locations. Doing so may cause a fire or electrical shock.
- Never place heavy objects on top of the scanner, as these objects may tip or fall over, and cause injury.
- When you remove the power cord, grip it by the power plug head. Never attempt to disconnect the power cord from the power outlet by pulling on the power cord. Doing so may damage or expose the cord's internal wiring, and cause a fire or electrical shock.
- Keep the area around the power outlet clear of all obstacles so you can disconnect the power cord easily at all times.
- Never spill water or volatile solutions (alcohol, benzene, paint thinner) into the scanner. Doing so may cause a fire or electrical shock.
- When the scanner is not being used for a long period of time, disconnect the power cord from the power outlet.
- Avoid wearing loose fitting clothing, dangling jewelry, long ties, or long hair that could become entangled with moving parts, especially the rollers that feed paper into the scanner. If such objects become entangled, immediately disconnect the power plug from the power outlet to stop the scanner.
- Be careful when you are loading a document or clearing a paper jam. It is possible that the paper edges may cut your fingers.
- Do not open the Maintenance Cover while the scanner is operating. Doing so may result in a malfunction or injury.
- Do not touch the pins and contacts on the scanner's connector with your hands. Doing so may result in a malfunction.
- Do not touch anything except the operation buttons when documents are being fed.
- Do not turn the scanner upside down. The ink may leak from the ink disposal tank.
- It is prohibited to run scanning operations near electronic equipment.

Installation Location



For operation, maintenance, and ventilation, make sure that there is enough space around the scanner, as shown in the illustration above.

Avoid placing the scanner in the following places. It may cause a malfunction and adversely affect the scanner or your computer.

- Places exposed to direct sunlight
If installation in such places is unavoidable, provide a curtain or similar object to shade the scanner.
- Places subject to dust and fumes
Dust and cigarette fumes adversely affect the components inside the scanner.
- Near running water, a heat source, water vapor, or in an area, such as a laboratory exposed to ammonia gas, paint thinner, or other volatile chemicals
- Places subject to excessive vibration and shock
- Places subject to rapid changes in temperature or humidity
Condensation occurring inside the scanner may impair image quality. Place the scanner in a room that is within the following range:
Room temperature: 10°C to 32.5°C (50°F to 90.5°F)
Relative humidity: 20% to 80% RH
Use the recommended operating environment for the ink cartridge when using the imprinter.
- Near electronic equipment or heavy equipment that generates a strong magnetic field, such as a speaker, TV, and radio

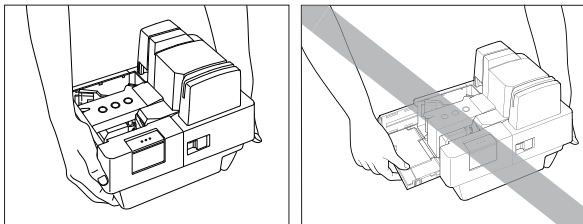
Power Supply

- Connect only to a power outlet of the rated voltage and power supply frequency (either 100-120 V, 60 Hz or 220-240 V, 50/60 Hz, depending on your region).
- Make sure that the scanner is connected to an independent power outlet. Do not plug the scanner into an outlet shared with another device. If you use an extension cord, make sure that the extension cord is rated for the current requirements of the scanner.

- If you are unsure of anything relating to the power supply, contact your local authorized Canon dealer or service representative for further information.
- Never place an object on top of the power cord or step on the power cord.
- Never bundle the power cord or wrap the cord around an object, such as a table leg.
- Do not tug on the power cord. When you remove the power cord, grip it by the power plug head.
- Keep the area around the power outlet free of obstacles.
- Do not connect to power outlets with other electrical devices. Also, when using an extension cord, make sure that the extension cord is rated for the current requirements of the scanner.
- Disassembling and/or reassembling the AC adapter is extremely dangerous and should not be attempted under any circumstances.
- Do not place heavy objects on the AC adapter or power cord. Do not place the adapter or cords in an area where they are likely to be stepped on.
- Do not use the power cord while it is bundled.
- Never pull directly on the power cord. To remove the plug from the outlet, grasp the plug directly and remove it from the outlet.
- Keep the area around the power plug clear of articles so that the power plug can be disconnected in an emergency.
- Use only the AC adapter provided with the product. Do not use the scanner's AC adapter with any other product.
- If you have any questions about the AC adapter, contact your local authorized Canon dealer or service representative for further information.

Moving the Scanner

When you move the CR-150/CR-120, hold it firmly with both hands and carry it carefully. Do not hold the scanner by the eject stopper or the Card Guard. The scanner weighs approximately 3.2 kg (7.05 lb) .



WARNING

When moving the scanner, the warnings below should be observed

- Turn off the power of the scanner
- Push the Eject Stopper to be stored and be sure to close the Document Feed Tray
- Remove the following parts
(Card Guard, the interface cables, and the AC adapter)



CANON ELECTRONICS INC.

3-5-10 SHIBAKOEN, MINATO-KU, TOKYO 105-0011, JAPAN

CANON U.S.A. INC.

ONE CANON PARK, MELVILLE, NY 11747, U.S.A.

CANON CANADA INC.

8000 MISSISSAUGA ROAD, BRAMPTON, ONTARIO L6Y 5Z7, CANADA

CANON EUROPA N.V.

BOVENKERKERWEG 59, 1185 XB AMSTELVEEN, THE NETHERLANDS

CANON AUSTRALIA PTY. LTD.

BUILDING A, THE PARK ESTATE, 5 TALAVERA ROAD, MACQUARIE PARK, NSW 2113, AUSTRALIA

CANON SINGAPORE PTE. LTD.

1 FUSIONOPOLIS PLACE, #15-10, GALAXIS, SINGAPORE 138522

CANON INDIA PVT. LTD

7TH FLOOR, TOWER B DLF CYBER TERRACES DLF PHASE III GURGAON-122002 HARYANA, INDIA