

***The Canon Color  
Bubble Jet™ Printer  
Designed for the GlobalPC  
User Guide***

## **DISCLAIMER**

All statements, technical information, and recommendations in this manual and in any guides or related documents are believed reliable, but the accuracy and completeness thereof are not guaranteed or warranted, and they are not intended to be, nor should they be understood to be, representations or warranties concerning the products described.

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## **TRADEMARKS**

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## SAFETY INFORMATION

### WARNING

RISK OF ELECTRIC SHOCK  
DO NOT OPEN

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER. THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

### WARNING

To reduce risk of fire or shock hazard, do not expose this product to rain or moisture

## CONVENTIONS

This *User Guide* provides complete explanations of the features and functions of the printer. To maximize the life of your printer, it's a good idea to familiarize yourself fully with all of its functions.

This *User Guide* uses the following symbols to indicate important information. Always observe the instructions indicated by these symbols.



Cautions alert you to ways to avoid injury to yourself, damage to the printer, or the loss of valuable data.

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**Note:** Notes provide advice, tips, and suggestions that are intended to help you work more efficiently with the printer.

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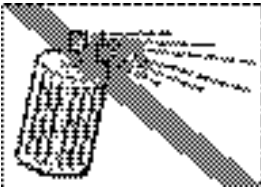
## SAFETY PRECAUTIONS

Please read the safety warnings provided in this manual to ensure that you use the printer safely. Do not attempt to use the printer in any way not described in this manual as this could result in unforeseen printer faults or cause a fire or electric shock.

## PRINTER LOCATION



Do not place the printer close to flammable solvents such as alcohol or thinners. If flammable solvents come in contact with electrical components inside the printer, such substances could cause a fire or electric shock.



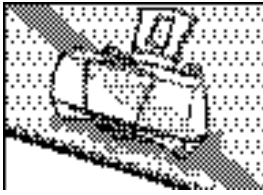
Do not use flammable sprays near the printer. Gases in the spray could cause a fire or electric shock if they come in contact with electrical components inside the printer.



Do not install the printer in a location that is unstable or subject to excessive vibration. The printer could tip over or fall and cause injury.



Do not install the printer in locations that are very humid or dusty, in direct sunlight, or close to a heating appliance or fireplace. To avoid the risk of fires or electric shocks, install the printer in a location with an ambient temperature range of 41 to 95°F (5 to 35°C) and humidity of 10 to 90% (condensation free).



Do not place the printer on a thick rug or carpet. Fibers or dust entering the printer could cause a fire.



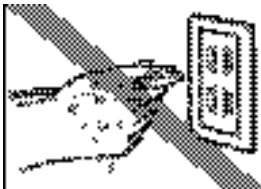
Keep the power outlet for the printer free of all obstacles so you can unplug the power cord at any time. Such obstacles could prevent you from unplugging the printer when a printer fault occurs and cause a fire or electric shock.



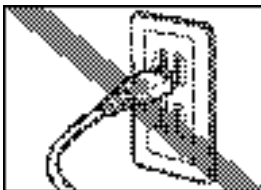
When you are carrying the printer, always use both hands and hold the printer by both ends. When you are moving the printer to another location, keep it stable so that you do not drop it and cause injury.

## POWER SUPPLY AND POWER CORD

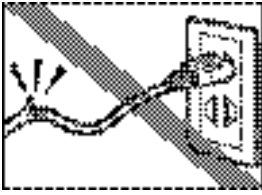
The socket-outlet shall be installed near the equipment and shall be easily accessible.



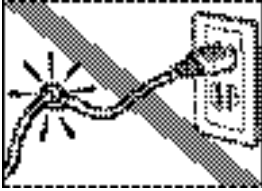
Do not attempt to plug the power cord into the power outlet or unplug the power cord when your hands are wet. This could cause an electric shock.



Always push the plug all the way into the power outlet. A loose or poorly inserted plug could cause a fire or electric shock.



Do not damage, modify, stretch or excessively bend or twist the power cord. Do not place heavy objects on the power cord. Power leaking from a damaged power cord could cause a fire or electric shock.



Do not use the printer while the power cord is bundled or knotted. This could cause a fire or electric shock.



If you detect smoke, unusual smells or strange noises around the printer, immediately unplug the power cord. Continuing to use the printer in these circumstances could cause a fire or electric shock.



Always grasp the plug when you unplug the power cord. Unplugging the power cord by pulling it can damage the cord and cause a fire or electric shock.



Do not use a power supply voltage other than that supplied in the country of purchase. Using incorrect voltage could cause fire or electric shock. The correct power supply voltage and frequency is:

USA/Canada: AC 120V, 60Hz

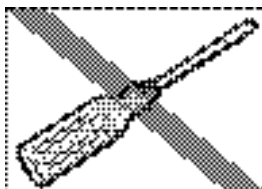
## CLEANING AND MAINTAINING THE PRINTER



Use a damp cloth to clean the printer. Do not use flammable solvents such as alcohol, benzene or thinners. If flammable solvents come in contact with electrical components inside the printer, such substances could cause a fire or electric shock.



Always unplug the printer from the power outlet when you are cleaning the printer. If you mistakenly plug in the printer while cleaning it, you could touch moving internal printer components and suffer injury.



Do not attempt to disassemble or modify the printer. There are no user serviceable parts inside the printer. The printer contains high-voltage components that could cause a fire or electric shock. Never attempt any maintenance procedure other than the ones described in this guide.

## WORKING AROUND THE PRINTER



Do not put your hands or fingers in the printer while it is printing. The printer contains moving parts that could cause injury.



Do not place metal objects (paper clips, staples, etc.) or containers of flammable solvents (alcohol, thinners, etc.) on top of the printer. Such objects could fall or spill into the printer and cause a fire or electric shock.



If any foreign object (metal or liquid) enters the printer, unplug the power cord and call MyTurn.com. Continued use of the printer when a foreign object has fallen into the printer could cause fire or electric shock.

## FEDERAL COMMUNICATION COMMISSION INTERFERENCE STATEMENT

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 interferences 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 where the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



Use only the shielded interface cable provided in order to comply with emission limits. Also, any changes or modifications, to this equipment, not expressly approved in writing by MyTurn.com, may void the user's authority to operate this equipment.



## FOR SERVICE

Refer to your Warranty card for complete warranty terms and conditions. If you experience any difficulties with the printer, contact the MyTurn.com service department.

Before calling for service on the printer, confirm that the printer was installed as described in the enclosed documentation and any necessary adjustments were made.

For possible troubleshooting help, you can visit the MyTurn.com web site at:

[www.myturn.com](http://www.myturn.com)

To contact the MyTurn.com service department, call:

(877)-MYTURN1

(877) 698-8761

Hours of operation: 24 hours per day, 7 days per week.

The MyTurn.com service department representative will attempt to resolve the warranty issue over the phone. If a telephone resolution is not possible, you will receive an RMA (Return to Manufacturer Authorization) number that must be included with the returned printer.

To return the printer, include all the original components. Return the printer in its original packaging or similar packaging.

## CARE AND CLEANING

Use a soft cloth to dust off the printer. Plastic surfaces are easily scratched or marred by alcohol and other solvents. A nonabrasive, antistatic cleaner is recommended. Avoid excessive use of oil-based polishes, they tend to attract dust.

## PACKAGE CONTENTS

Before you start using the printer, compare the contents of the box to the following list.

- The Canon Color Bubble Jet Printer designed for the GlobalPC
- Paper output tray
- Paper support
- BJ-21e Color BJ<sup>®</sup> Cartridge
- Ink cartridge storage box
- Power cord
- Quick Start Guide
- Warranty card
- Parallel cable

If you are missing any items contact [MyTurn.com](http://MyTurn.com) for a replacement.

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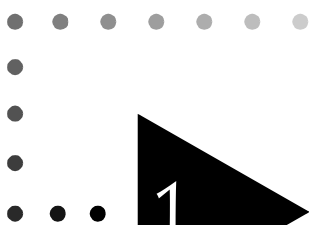
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*A description of the printer features, how to load paper, and how to test the printer operation.*

1

# ***INTRODUCTION***

Congratulations on your purchase of the Canon Color Bubble Jet™ Printer designed for the GlobalPC. We appreciate you choosing this printer to meet your printing needs.

This printer offers excellent print quality and fast print speed using both color and black inks. We are certain you will be satisfied with this advanced bubble jet technology.

This chapter is a general overview of the printer to familiarize you with the printer features, how to load paper in the printer, and help you print a test page to verify the operation.

## **EXAMINING THE PRINTER**

This section describes the printer features.

## FRONT VIEW

### RESUME Button

After you have resolved a sheet feeding problem, press this button to resume printing. You can also double-click this button to start a Nozzle Check Pattern.

You can start print head cleaning or reset the printer by pressing and holding down the RESUME button for more than two seconds. To avoid wasting ink, do not press and hold the RESUME button for more than two seconds unless necessary.

### Paper Guide

Align this guide with the edge of the sheet loaded into the auto sheet feeder.

### Paper Output Tray

Holds the printed sheets when they are fed out of the printer. Fold this tray down before you start printing. It can be folded up while the printer is not in use.

### Paper Rest

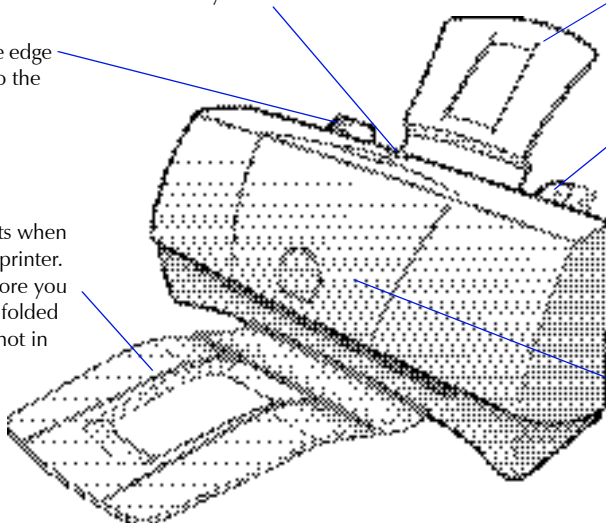
Supports the media loaded in the auto sheet feeder.

### Auto Sheet Feeder

Holds sheets of paper or other media for printing. The auto sheet feeder holds multiple sheets which are automatically fed into the printer one sheet at a time.

### Front Cover

Open this cover to install or replace the BJ cartridge, change the paper thickness lever, or clear a paper jam.

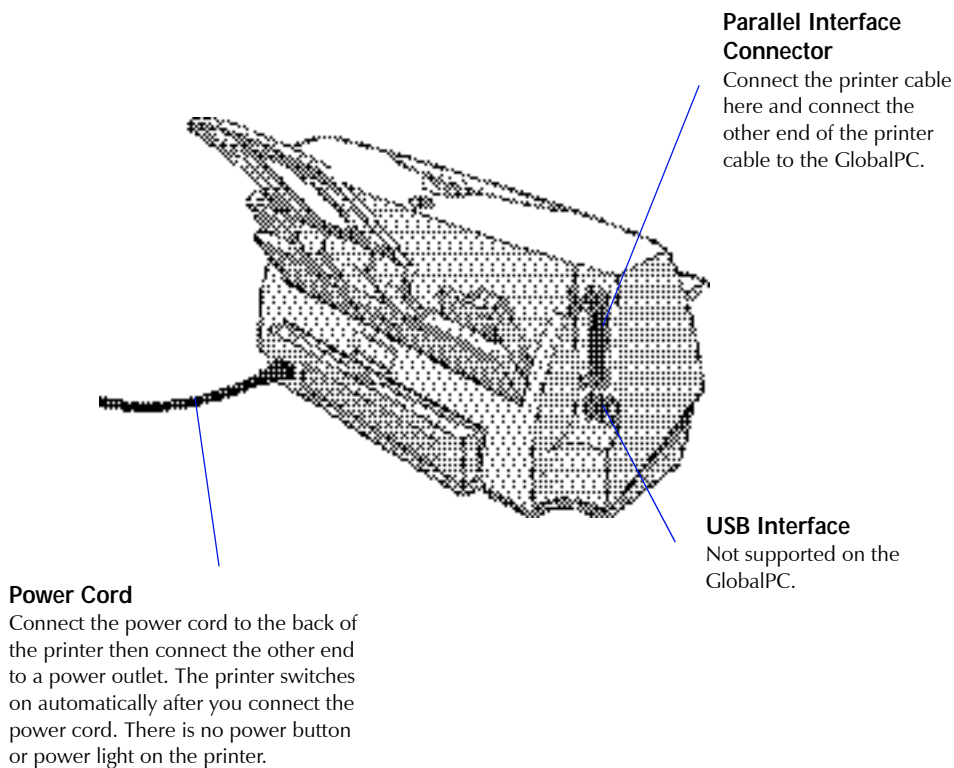


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**Note:** To ensure optimum performance of the print head, the printer automatically cleans the print head every time it is plugged in, or when the front cover is closed after being open for more than a few seconds. Avoid unplugging the printer and opening the front cover unnecessarily as print head cleaning consumes ink.

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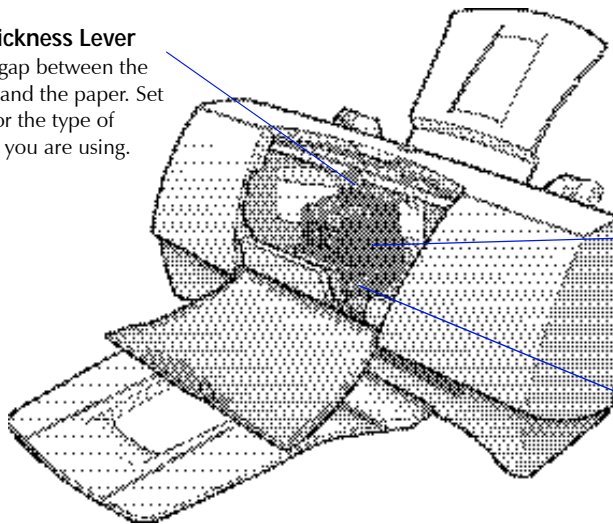
## BACK VIEW



## INSIDE THE PRINTER

### Paper Thickness Lever

Adjust the gap between the print head and the paper. Set this lever for the type of media that you are using.



### Cartridge Holder

Holds the BJ cartridge.

### Cartridge Lock Lever

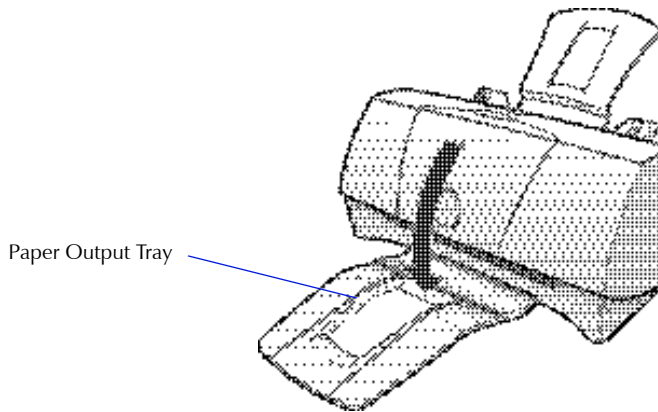
Unlocks the cartridge holder so you can remove and replace the BJ cartridge. Raise the cartridge lock lever to release the BJ cartridge and lower it to lock the BJ cartridge.



# LOADING PLAIN PAPER

This section describes how you load plain paper.

1. Lower the paper output tray.



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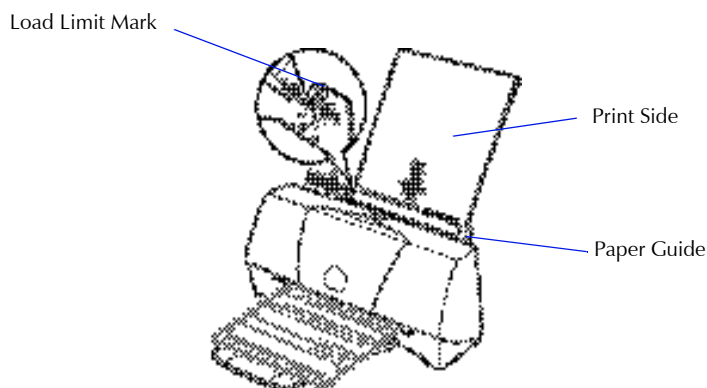
**Note:** The paper output tray can be raised while you are not printing.

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2. To avoid paper jams, fan the stack to remove static cling, then align the edges of the stack by tapping it on a flat surface.



3. Load the stack of paper.
  - Align the stack with the right side of the auto sheet feeder and insert it into the auto sheet feeder. (You can print on either side of plain paper.)
  - Slide the paper guide to the left side of the stack until it is snug.



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**Note:** Make sure that the top of the stack is not higher than the load limit mark.

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# VERIFY PRINTER OPERATION

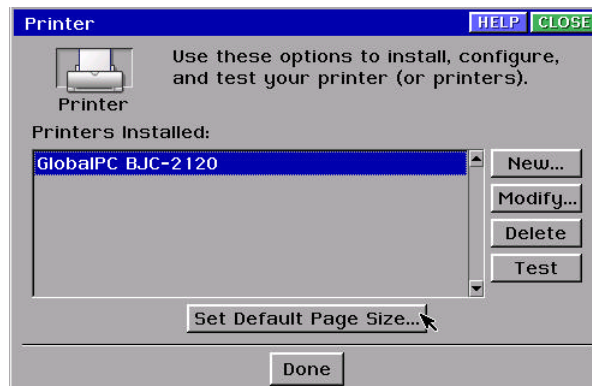
After you set up the printer, as described in the Quick Start guide, you can print a test page to make sure it is working properly. If the test page prints out incorrectly or does not print out at all, try modifying the printer settings, as described in *Chapter 4 - Printer Setup*.

***To print a test page follow the instructions below.***

## GlobalPC Desktop Users

1. From the GlobalPC Desktop screen select Computer utilities.
2. From the Tools for your computer and programs screen, click Preferences.
3. From the Preferences window, click Printer.

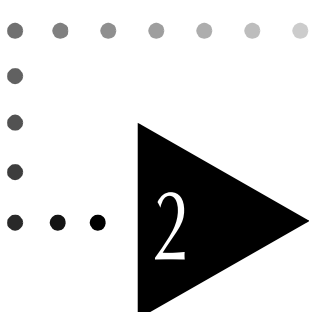
The Printer window displays.



4. From the Printer window, click the Test button.  
If the printer is installed correctly, a test page should print out.

## **Advanced Desktop Users**

1. From the Advanced Desktop, click on the Express menu button.
2. From the Express menu, select Settings and then Preferences.
3. From the Preferences window, click Printer.
4. From the Printer window, click Test.

A decorative graphic consisting of a horizontal row of seven dots, a vertical column of five dots, and a large black triangle pointing to the right. The number '2' is written in white inside the triangle.

*Select the BJ cartridge that best meets your particular printing needs.*

2

# ***USING BJ CARTRIDGES***

You can use the following BJ cartridges in the printer:

- BC-2le Color BJ Cartridge
- BC-20 Black BJ Cartridge

You can purchase the following BJ tanks for use in the BC-2le Color BJ Cartridge:

- BCI-21 Black BJ Tank
- BCI-21 Color BJ Tank

MyTurn.com does not prohibit the use of third-party inks and said use does not invalidate the product's limited warranty. However, MyTurn.com cannot guarantee the quality or performance of your printer when you are using inks from other suppliers.

MyTurn.com's limited warranty does not cover damage caused to the printer that is attributable to the use of third party parts or supplies, including inks. The limited warranty remains in effect for its life once that particular damage has been properly repaired.

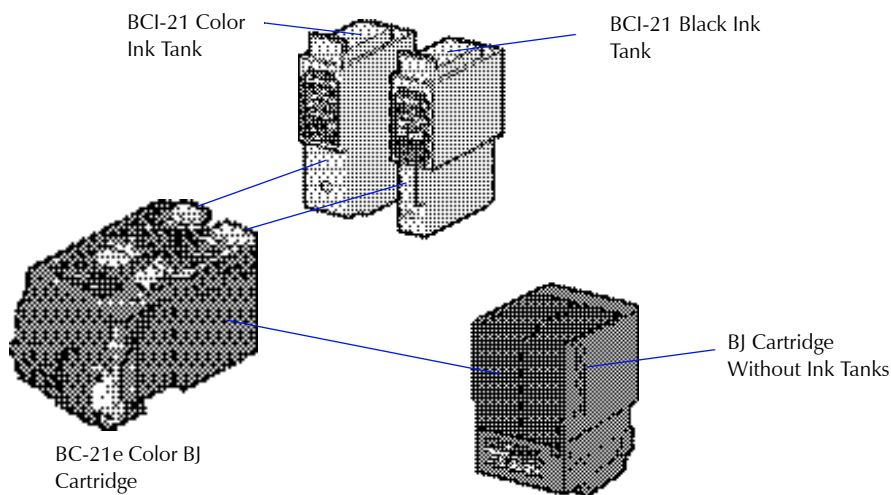
For optimum printing results, MyTurn.com recommends that you use only Canon BJ cartridges and BJ tanks.

## BJ CARTRIDGES TYPES

This section describes the BJ cartridges that you can use with the printer. Select the BJ cartridge that best meets your particular printing need.

### BC-21E COLOR BJ CARTRIDGE (INCLUDED WITH PRINTER)

Use this BJ cartridge for standard high-quality color printing.

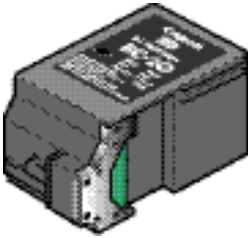


The BC-21e Color BJ Cartridge contains two replaceable ink tanks:

- BCI-21 Color Ink Tank  
Contains Cyan, Magenta, and Yellow (CMY) inks.
- BCI-21 Black Ink Tank  
Contains only black ink.

The following BJ cartridge consists of a print head and ink tank sealed in one unit. When this BJ cartridge runs out of ink, discard the entire unit.

## BC-20 Black BJ Cartridge (optional)



Use this BJ cartridge for black text.

## BJ CARTRIDGE GUIDELINES

- Do not leave an empty ink tank in a BJ cartridge. Remove it immediately after ink runs out.
- To maintain optimum print quality, use up a BJ cartridge within one year after installation and ink tanks within six months of installation.



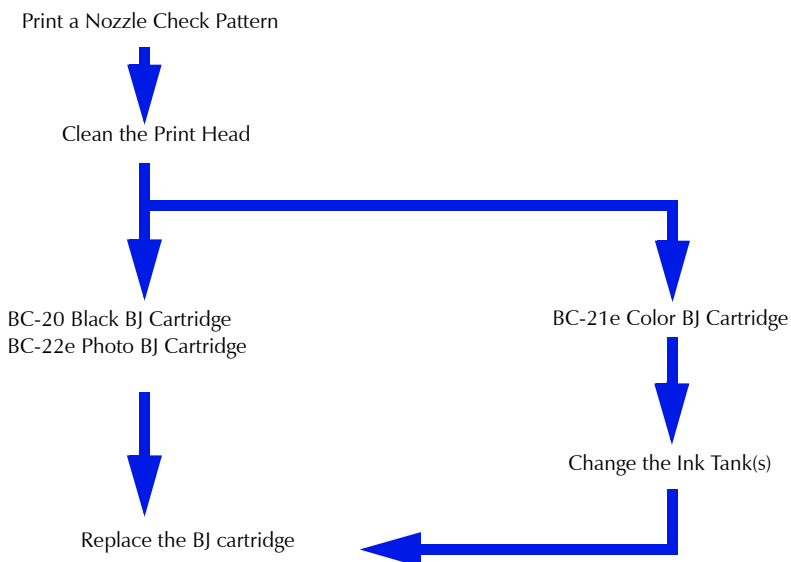
Always store BJ Cartridges and ink tanks safely out of the reach of small children. If a child inadvertently licks a BJ cartridge or ink tank or ingests any ink, consult a physician immediately.

### Ink Tank Handling

- To avoid staining your hands, clothing, or work area do not shake, drop or press in on the sides of the ink tank.
- Discard the protective cap immediately. Do not attempt to reattach the cap once removed.
- To avoid interfering with the tank's ink supply, do not touch an open port on the ink tank.
- Dispose of the ink tank immediately to prevent spilling and staining.
- Be sure to leave the BJ cartridge in the printer.

## WHEN TO REPLACE THE BJ CARTRIDGE

When a printed document appears faded, print a Nozzle Check Pattern to check the status of the print head. Based on the results of the Nozzle Check Pattern, clean the print head and replace the ink tank or BJ cartridge if required.



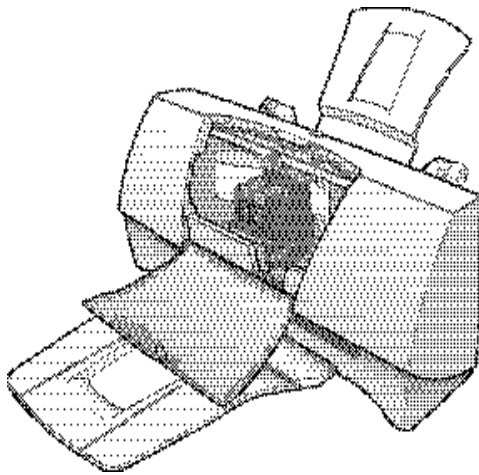


## REPLACING INK TANKS

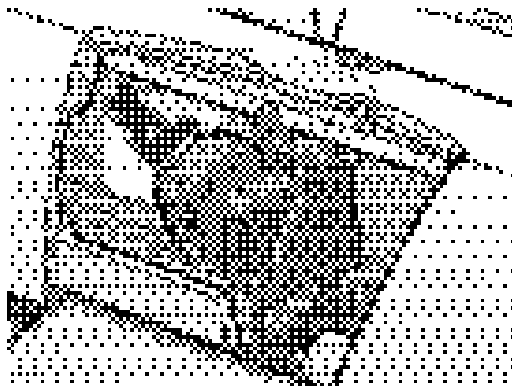
Replace the ink tanks inside the BC-21e Color BJ Cartridge when they run out of ink . When you purchase extra ink tanks, specify the BCI-21 Color Ink Tank or BCI-21 Black Ink Tank.

Before removing the ink tanks, make sure the printer is connected to the power outlet.

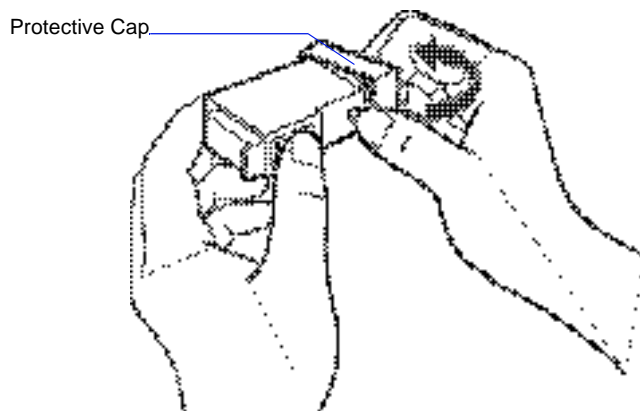
1. Open the front cover (the cartridge holder moves to the center).



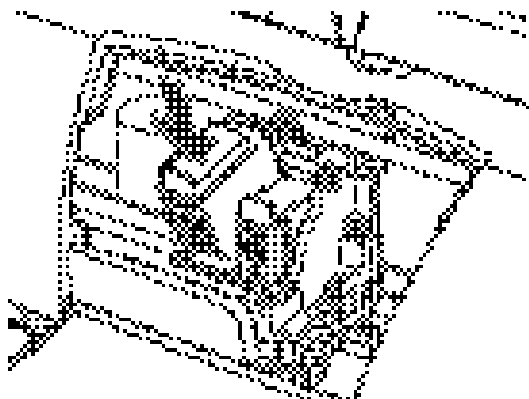
2. Pull the tab on the ink tank toward you to release it. Then pull it out of the slot.



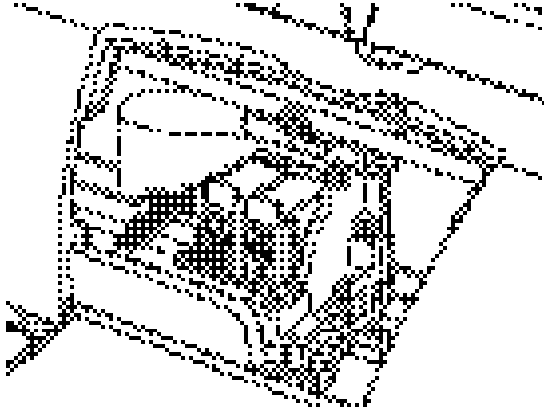
3. Remove a new ink tank from its package and remove the protective orange cap.



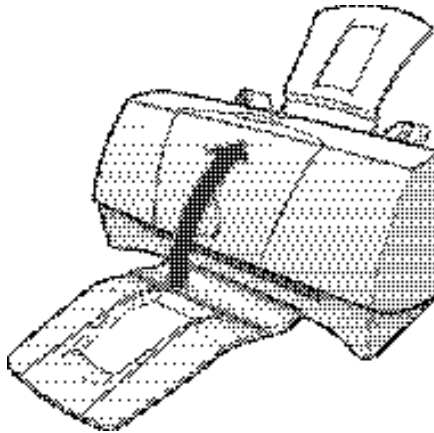
4. Slide the new ink tank into the slot.



5. Firmly push the ink tank tab down and back into an upright position until the tank locks into place.



6. Close the front cover.



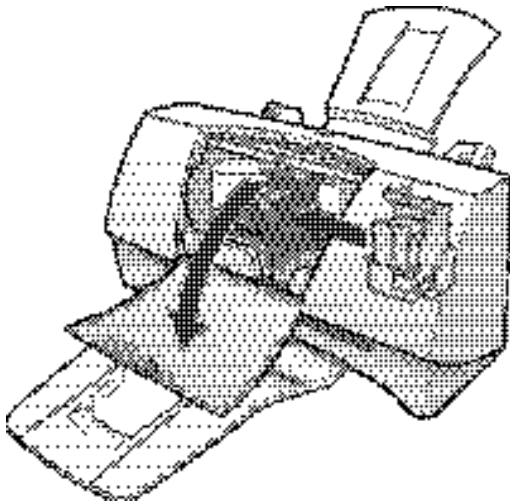
The cartridge holder moves to the home position on the right side of the printer. The printer automatically cleans the print head unit.

## REPLACING THE BJ CARTRIDGE

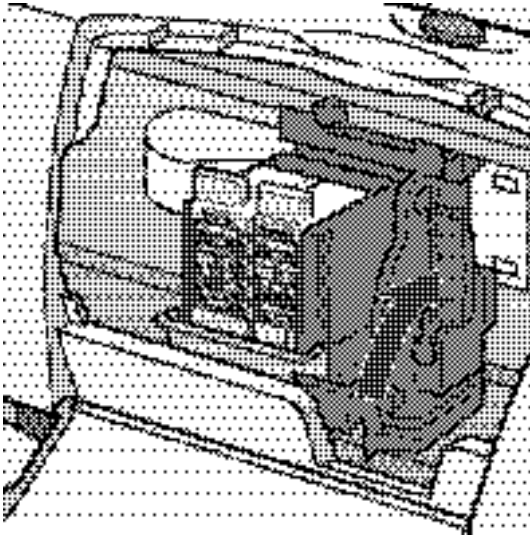
When a BJ Cartridge runs out of ink, or when you want to switch a BJ cartridge with another one, follow the procedure below.

Make sure the printer is connected to the power outlet.

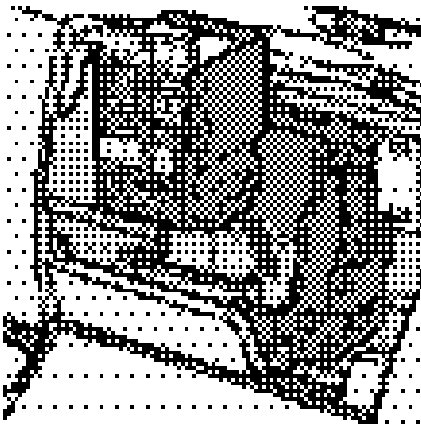
1. Open the front cover. The cartridge holder moves to the center of the printer.



2. To unlock the cartridge, raise the blue lock lever on the right hand side of the holder.

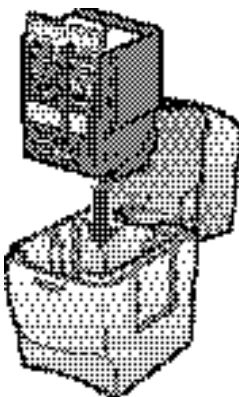


3. Lift the BJ cartridge out of the holder.



If you are replacing a depleted BJ cartridge, dispose of it immediately.

If you are exchanging BJ cartridges for a special print job, hold the BJ cartridge with the label facing you and the print head down and store it in the SB-21 Ink Cartridge Storage Box.

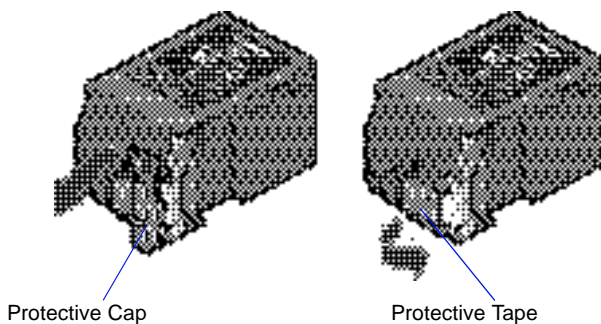


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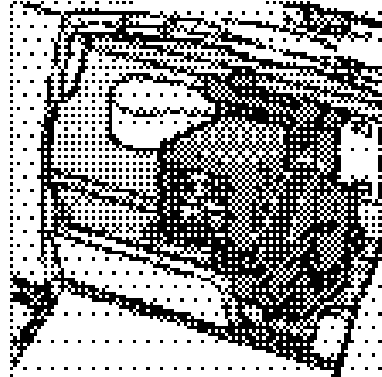
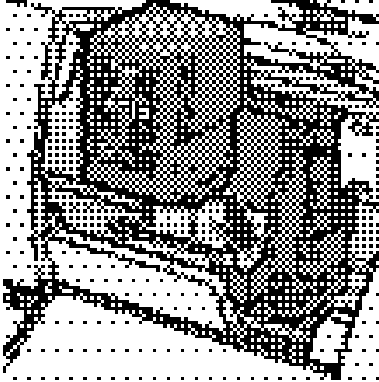
**Note:** Always hold the BJ cartridge by its sides. Never touch the silver plate, print head, or the sharp edges around the print head.

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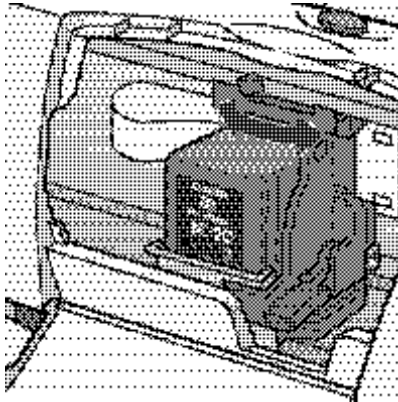
4. Take the new BJ cartridge out of its package.  
Remove the orange protective cap and tape before placing it into the holder.



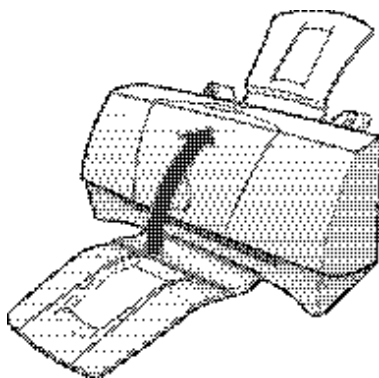
5. Set the BJ cartridge into the cartridge holder. Then lower the cartridge lock lever until it locks into place.



6. Set the paper thickness lever for the type of media that you are going to load by sliding the small blue lever located above the cartridge holder.



7. Close the front cover.



The cartridge holder moves to the home position on the right side of the printer. The printer automatically cleans the print head unit.



*You can use several different types of paper and media to print on depending on your printing needs*

# 3

## PAPER GUIDELINES

This chapter describes details about the types of paper you can use in the printer. Before printing, you may need to change the printer settings to match the paper loaded in the printer, as described in *Chapter 4 - Printer Setup*.

Type of media	Load Limit	Printer Setup	
		Page Size	Paper type
Plain Paper	50 sheets	Letter, A4, B5, A5	Plain Paper
Legal Paper	10 sheets	Legal	Plain Paper
Banner Paper	1 (2 to 6 sheets)	Letter, A4	Plain Paper
Brilliant White Paper	50 sheets	Letter, Legal	Plain Paper
Bubble Jet Paper	50 sheets	Letter, A4	Plain Paper
Greeting Cards	1 sheet	Letter, A4	Other Paper
High Resolution Paper	40 sheets	Letter, A4	High Resolution Paper
Envelopes			
US Com. No. 10	5 envelopes	#10 Env.	Envelope
European DL	5 envelopes	DL Env.	Envelope

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**Note:** To prevent paper jams and other problems, never use paper heavier than 28 lb. (105 g/m<sup>2</sup>)

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## ABOUT CANON SPECIALTY PAPER

- **High Resolution Paper**  
Provides more vivid colors than plain paper. Ideal for printing photographs or business documents that include large numbers of color illustrations and graphs.
- **Banner Paper**  
Banner paper allows you to print on up to six connected sheets of Letter or A4 size paper to create party or advertising banners.
- **Greeting Cards**  
Get the most out of your card making software with Canon Greeting Cards. The software enables you to create unique and personalized cards that have the look and feel of professional cards. You can create cards, invitations, announcements, and more. These cards come in 1/4-fold and 1/2-fold sizes.

## PAPER SELECTION GUIDELINES

To avoid poor print quality and possible damage to the printer, do not use any of the following paper:

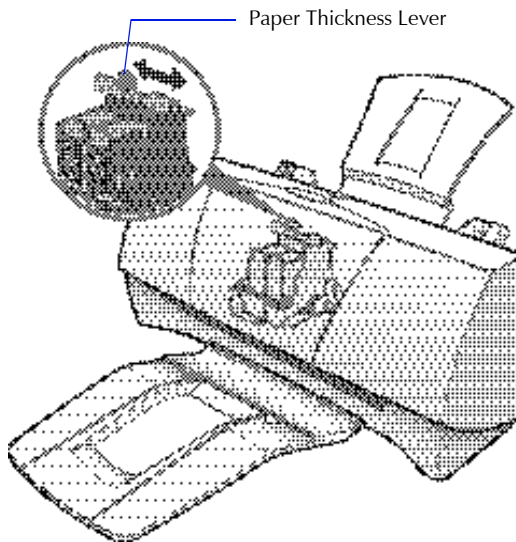
- Folded paper
- Curled paper
- Creased or crumpled paper
- Damp or wet paper
- Excessively thin paper (weight less than 17 lb—64 g/m<sup>2</sup>)
- Excessively thick paper (weight more than 28 lb—105 g/m<sup>2</sup>)
- Continuous feed paper (tractor feed)
- Punched paper (such as loose-leaf folder inserts)
- Reply-paid postcards (double postal card)
- Postcards with a photograph printed on the reverse side
- Postcards with a photograph or sticker pasted on
- Envelopes with overlapping flaps
- Envelopes with pressure seals
- Envelopes with embossed or treated surfaces

# PAPER HANDLING GUIDELINES

- Avoid touching the print surface. Always handle media by the edges. Unclean or scratched print surfaces can adversely affect print quality.
- When storing the print media, put the print media back in its original packaging and avoid locations that are exposed to direct sunlight or that are subject to high temperatures or humidity. To avoid curling or wrinkling the paper, store it in a level place.
- Remove each printed sheet from the paper output tray as it is ejected. Do not touch the printed side until the ink is dry.
- When large amounts of ink are being used, certain types of paper may curl during printing. If this occurs, move the paper thickness lever to the right.

## SETTING THE PAPER THICKNESS LEVER

- Set the paper thickness lever to match the paper type.



Use the following table as a guideline for setting the thickness.

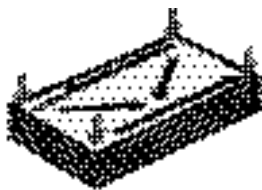
Type of paper	Paper thickness lever
Plain paper	Left
Banner paper	Left
Brilliant white paper	Left
Bubble jet paper	Left
High resolution paper	Left
Greeting cards	Right
Envelopes	Right

## ENVELOPES

To assure crisp, clear printing, do not use envelopes with textured or coated surfaces. To avoid paper feed problems, do not use double-flap envelopes or envelopes with exposed, adhesive seals.

### PREPARING ENVELOPES

1. Press down on the corners and the middle of the envelopes to expel air and eliminate warp and curl.



2. If the envelopes are still warped, hold the envelopes at diagonally opposed corners and bend lightly. Confirm that the flaps are straight.



3. For more reliable feed, make sure the flaps lie flat by rubbing with the tip of a pen.



## LOADING ENVELOPES

Load envelopes with the address side facing up (with the flap side facing down).



**Note:** Do not allow more than five envelopes to stack up in the output tray.

---

- You can load up to five envelopes in the sheet feeder.
- Be sure to set the paper thickness lever to the right.
- Select Envelope from the printer settings.

## HIGH RESOLUTION PAPER

This paper provides superior color development. It is highly suitable for printing business documents that contain color graphs, charts, and photographs.

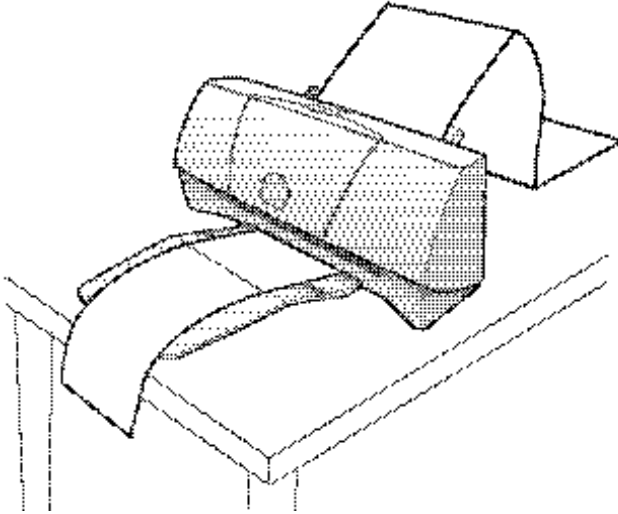
- Load paper with the printing side (the whiter side) facing up.
- Load up to 40 sheets of paper at a time in the sheet feeder.
- Set the Print Quality to High in the printer settings.
- You can allow up to 20 sheets to stack in the output tray. However, if the printed paper curls, or ink does not dry quickly, remove each sheet as it comes out of the printer.

## BANNER PAPER

Banner Paper consists of six letter-size sheets that are joined together to make one long strip. These are used for printing long posters or banners.

Printing on banner paper consumes a great deal of ink. If the BJ cartridge is low on ink, replace it.

1. Position the printer so that the banner paper can hang straight down as it emerges.



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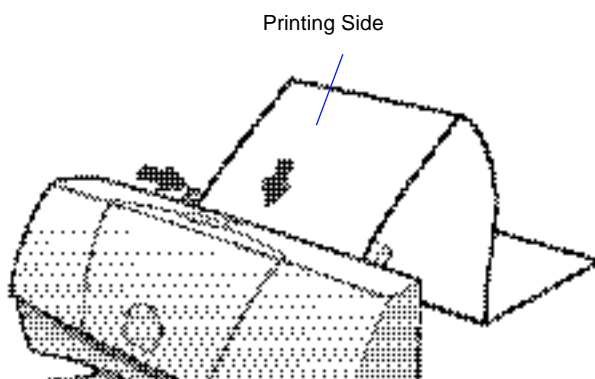
**Note:** Do not allow the banner to touch your desk or floor until the ink is dry.

---

2. Tear off the number of sheets you want to print, plus one extra. A maximum of 6 sheets can be printed at one time. In this case, tear off 7 sheets.



3. When setting the paper guide, leave a small space along the edge of the paper.

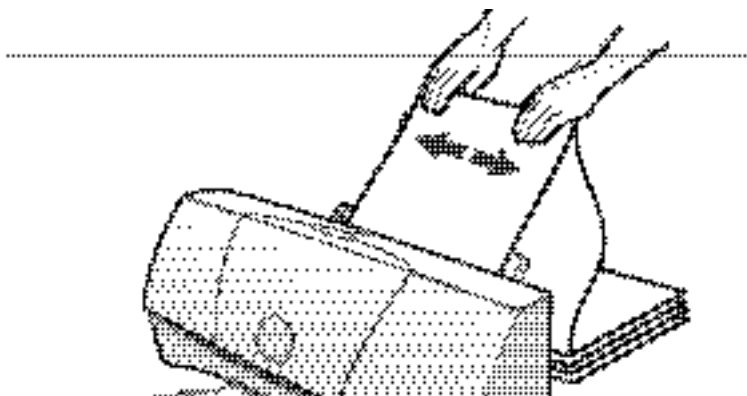


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**Note:** Load the banner paper so that the trailing edge is folded up and not hanging down.

---

4. Fold the joint between sheet 1 and sheet 2 upward.





*Depending on the type of document you print, you may need to adjust the GlobalPC printer settings.*



# 4

# PRINTER SETUP

When you are ready to print, keep in mind that you may need to change the GlobalPC printer settings to suit your printing needs. To print different types of documents, other than the standard letter (8 1/2 in x 11 in), you need to change the printer settings. Some of the settings are:

- Page size
- Page type - paper or envelope
- Page orientation - portrait (vertical) or landscape (horizontal)
- Number of copies

This chapter describes how to make the printer setting changes from the GlobalPC desktop. For the Advanced desktop, except for the screen selection process to get to the Printer window, the printer settings selection process is the same.

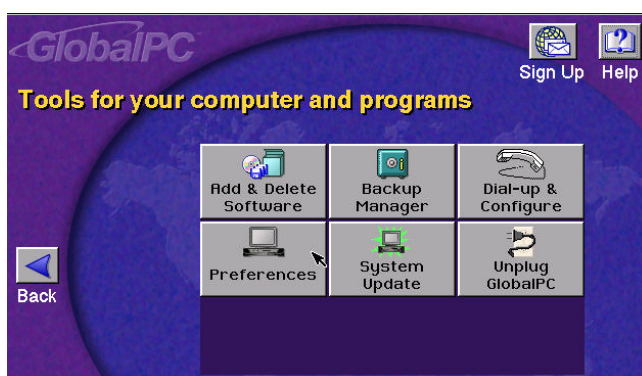
You can make printer setting changes from Preferences or within a program.

# PREFERENCES PRINTER SETTINGS

Use the printer settings from Preferences to define the default settings. For example, if you know most of your documents are printed on legal size paper, then from Preferences you would define the printer setting to use Legal Paper.

## *To set the printer settings from Preferences*

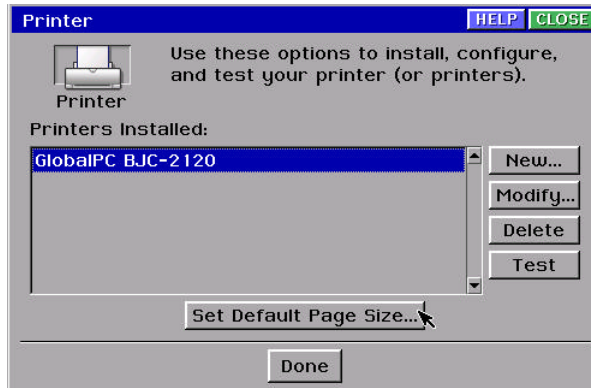
1. From the GlobalPC desktop, click Computer utilities.  
The Tools for your computer and programs screen displays.



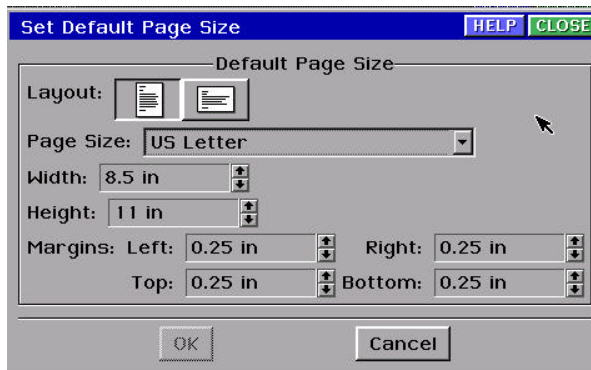
2. Click Preferences.  
The Preferences window displays.



3. Click Printer.  
The Printer window displays.

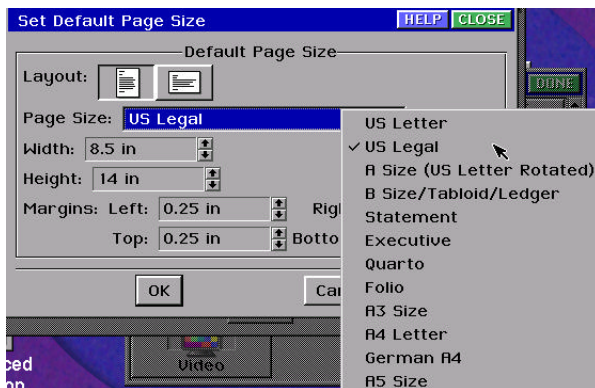


- As additional printers become available you can click New to add a New printer, click Modify to change a printer, or click Delete to remove a printer.
4. Click Set Default Page Size.  
The Set Default Page Size window displays.



Use the Set Default Page Size options to select the layout of what direction a document is printed, select a predefined page size or enter the width and height manually, and define the margins.

By clicking on the Page Size field selector, a list of predefined page sizes displays.



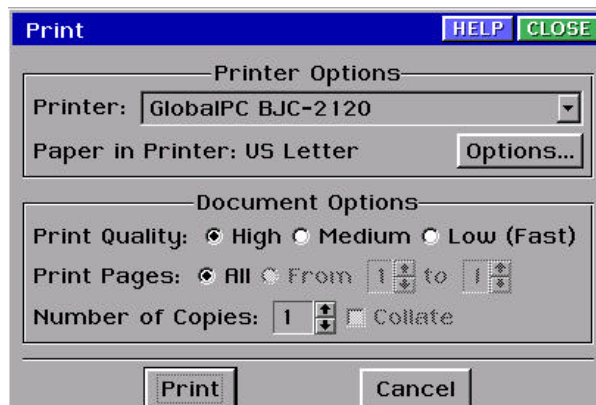
5. Select the desired default page settings.  
If you make changes, the OK button is activated.
6. Click OK to save the changes.  
Click Cancel to discard any printer settings you made and revert back to the previous settings.

# PROGRAM PRINTER SETTINGS

As you use different programs on your GlobalPC, you will find that your printing needs change. Printing out a term paper requires different print settings than printing a birthday invitation. In most GlobalPC programs, you can customize your printer settings within each program by clicking Options from the Print selection of the File menu.

## *To set the printer settings from a program*

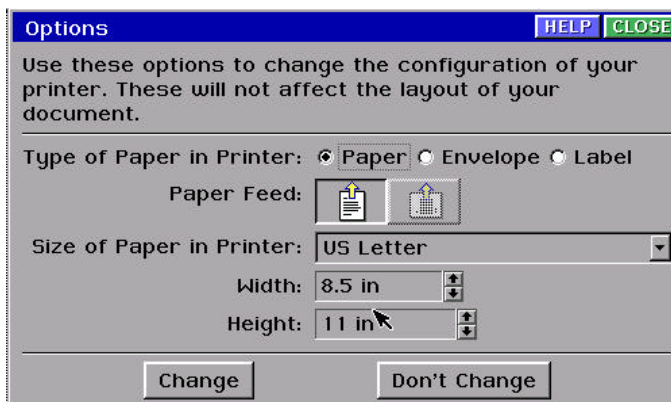
1. From the File menu, select Print.  
The Print window displays.



Use the upper portion of the Print window to define details about the printer. Use the lower portion to define details about quality of the printed document, to print all or only a portion of a document, and how many copies to print of the current document.

2. Click Options

The Options window displays.



Use the Options window to make changes to the print settings.

**Paper, envelopes or labels** — click the corresponding radio buttons depending on what you are printing on.

**Paper Feed** — select the orientation (vertical or horizontal) of how you want the printed document to look.

**Size of Paper in Printer** — select a predefined size from the field selector or enter a custom size by entering a Width and Height. The predefined page sizes are shown in the previous section.

3. Click Change to use the selected printer settings.

The Print window displays again.

4. Click Print to print the selected document.

Click Don't Change to discard any printer settings you made and revert back to the previous settings.

*Keep your printer in good operating condition by maintaining it regularly.*

5

# ***MAINTAINING THE PRINTER***

Your printer requires little routine maintenance. Perform the following maintenance, as necessary, to keep your printer in good operating condition.

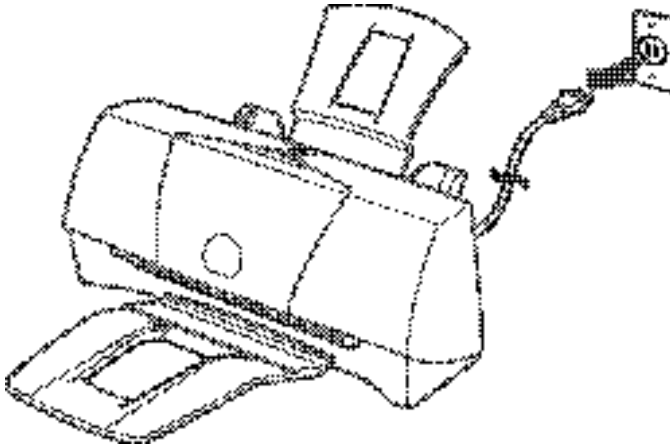
## **CLEANING THE PRINTER**

The inside of the printer can become soiled with ink and paper dust over time. Follow the steps provided on the next page to clean the printer:

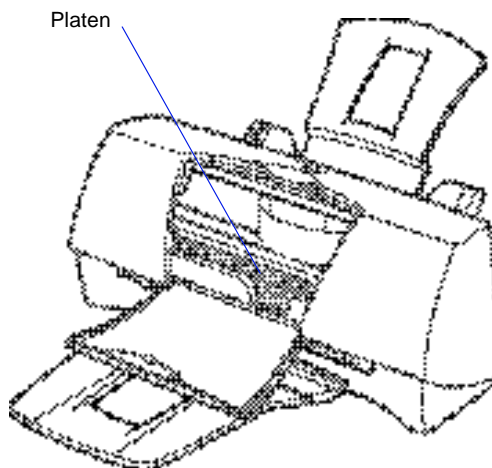


- To avoid serious personal injury, never use flammable solvents such as thinners, benzene or alcohol to clean the printer. If such substances come in contact with electrical components inside the printer, they could cause a fire or electric shock.
- Always unplug the printer from the power outlet when you are cleaning it. You could touch moving parts inside the printer and suffer injury if you clean the printer while it is still on.

1. Unplug the printer from the power outlet. If you have been using the printer, wait at least one minute before proceeding.



2. Open the front cover and wipe inside the printer with a clean dry cloth. Look for sprayed ink, paper dust, or scraps of paper especially around the plate. Avoid touching parts inside the printer such as the cartridge holder.

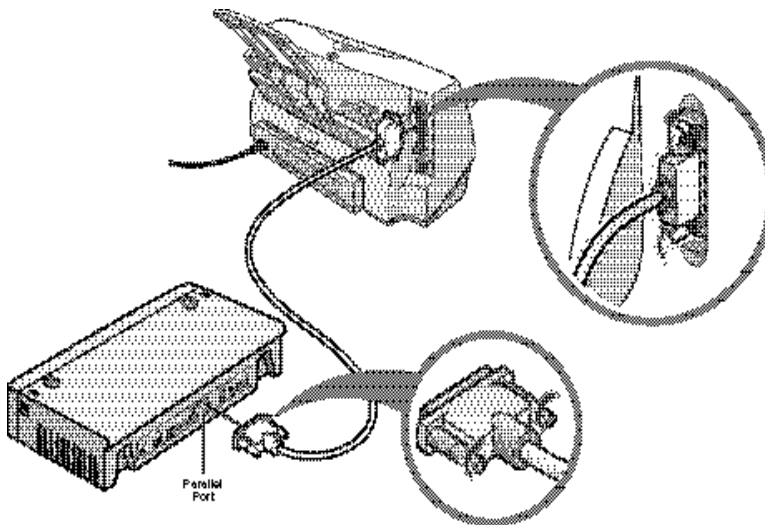




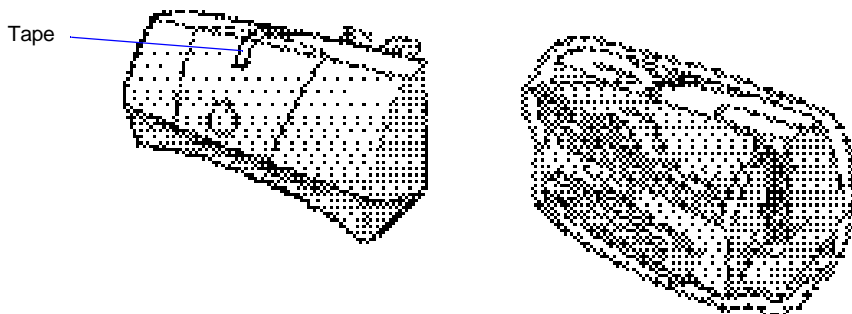
# TRANSPORTING THE PRINTER

Use the original box and packing material to repack the printer for shipping or moving to another location. When you do not use the original box, make sure that the printer is packaged properly so that it does not get damaged during the transportation.

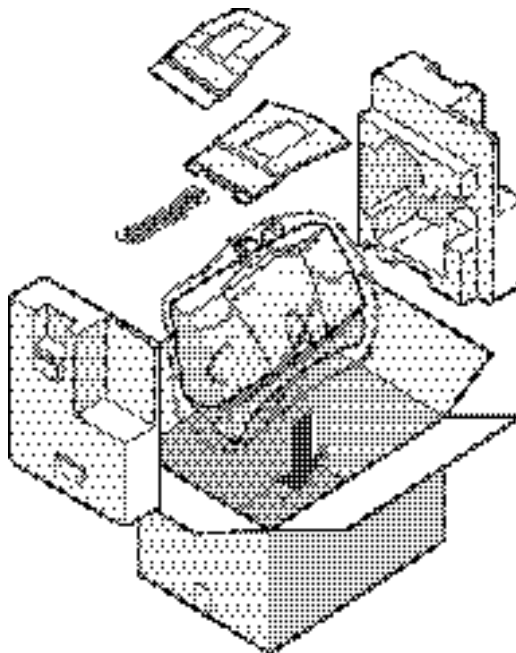
1. Open the front cover and remove the BJ cartridge from the cartridge holder. Store the removed BJ cartridge in the SB-21 Ink Cartridge Storage Box.
2. Remove the paper rest and the paper output tray from the printer.
3. Unplug the power cord from the power outlet.
4. Disconnect the printer cable from the computer and printer. Also, disconnect the power cord from the printer.



5. Reattach the tape to the printer and insert the printer into its plastic bag.



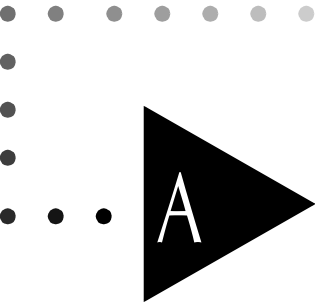
6. Fit the packing material on either end of the printer and pack the printer into the original box.



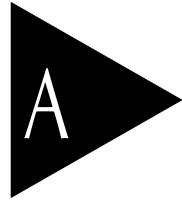
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**Note:** If you are shipping the printer through a shipping agent, mark the box with "FRAGILE" or "HANDLE WITH CARE".

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*A list of commonly experienced problems with some possible solutions.*



# *TROUBLESHOOTING*

This chapter describes possible problems you may encounter using the printer and suggested solutions.

## BEFORE CALLING FOR HELP

If you are experiencing difficulties, try to narrow the problem down to one of these three factors:

### ***Printer problem***

If the printer does not operate and you cannot resolve the problem, make a note of the nature of the fault and your observations then contact MyTurn.com.

### ***Hardware problem other than the printer***

If the printer is operating normally and the settings in the program are correct, there may be a problem with the printer cable or the GlobalPC. Contact MyTurn.com.

### ***Program problem***

Problems that arise only when you use a particular program are probably caused by the program. Contact MyTurn.com.

## POTENTIAL PRINTER PROBLEMS

To find a solution to a printer problem, refer to the following questions.

### COLOR DOCUMENT PRINTED IN MONOCHROME

A document created in color is printed in monochrome.

*IS THE BC-20 BLACK BJ CARTRIDGE INSTALLED?*

Color printing is not possible using the BC-20 Black BJ Cartridge. Replace it with a suitable color cartridge, such as the BC-21e Color BJ Cartridge.

### COLORS NOT CLEAR

The colors, in printed illustrations, are not as clear as you expected.

*IS THE BJ CARTRIDGE AND PAPER CORRECT?*

When printing illustrations, use High Resolution Paper. This paper type provides better color reproduction and brighter colors than plain paper.

A clogged or worn BJ cartridge may cause printing problems. Print a Nozzle Check Pattern and check the printed patterns.

---

**Note:** If you are printing graphs or charts, use the BC-21e Color BJ Cartridge.

---

*IS A REFILLED INK TANK INSTALLED IN THE BJ CARTRIDGE?*

You may not be able to achieve satisfactory performance with an ink tank that has been re-filled or that uses third party ink. It is recommended that you use ink tanks specifically designed for use with the Canon BJ cartridge.

## PRINTED AND ON-SCREEN COLORS DO NOT MATCH

The colors you see on the screen do not match the colors you see in the printed copy of the same image. For example, objects that appear blue on the screen are printed purple and objects that appear pale green on the screen are printed dark green.

The monitor and the printer do not reproduce color in the same way. The printed color tones may not perfectly match the colors you see on the screen because screen color varies depending on how the screen is viewed and calibrated.

When the differences between displayed and printed colors are too extreme, check the following.

### *IS THE INK IN THE BJ CARTRIDGE IN GOOD CONDITION?*

Print a Nozzle Check Pattern and check the results.

Clean the print head when the patterns are broken or missing.

### *ARE YOU USING PLAIN PAPER OR HIGH RESOLUTION PAPER?*

The color clarity of your printouts is different when using various papers. You should use only recommended paper types.

## PRINTED DOCUMENT DOES NOT MATCH THE DOCUMENT DISPLAYED ON THE SCREEN

The document is displayed correctly on the screen but the printout does not match the screen.

### *DID YOU CANCEL A PRINT JOB BEFORE IT WAS COMPLETED?*

There may be data remaining in the printer or the computer from the previous print job. Unplug the printer and power down the computer, then plug the printer back in, restart the computer, and try printing again.

### *ARE THE PRINTER AND COMPUTER SECURELY CONNECTED?*

Check the printer cable connections at the printer and computer. A faulty or loose connection can result in a printout that does not match the document displayed on the screen.

## PRINTED TEXT ROTATED 90 DEGREES

The document text orientation is not correct and it prints out rotated 90 degrees.

*IS THE ORIENTATION SETTING CORRECT?*

Within a GlobalPC program, from the File menu select Print. From Print window, click Options. On the Options window check the Type of Paper in Printer option. Click the portrait button to print across the width of the page and click the landscape button to print across the length of the page.

## PRINTING IN TOP LEFT CORNER

*IS THE PAPER IN THE PRINTER LARGER THAN THE PAGE SIZE SPECIFIED?*

If you print on paper larger than the page size selected in the printer settings, the page is printed in the top left corner.

From Preferences, select Printer and check the page size setting by selecting the Set Default Page Size button. If the setting does not match, replace the paper in the printer or change the page size setting in Size of Paper in Printer.

## TEXT CUT OFF AT RIGHT EDGE, OR BOTTOM EDGE

The text is printing beyond the right or bottom margins and cut off from view.

*IS THE PAPER IN THE PRINTER SMALLER THAN THE PAGE SIZE SPECIFIED IN THE PRINTER WINDOW?*

If you print on paper smaller than the page size selected, text is printed in the bottom right corner, or cut off at the bottom or right edge of the paper.

From Preferences, select Printer and check the page size setting by selecting Set Default Page Size.

If the setting does not match the size of the paper in the printer, replace the paper in the printer or change the page size setting.

## SINGLE PAGE PRINTS OVER TWO OR MORE PAGES

### *DOES THE PAGE SIZE SETTING IN THE PROGRAM AND PRINTER WINDOW MATCH?*

From Preferences, select Printer and click Set Default Page Size and confirm the paper size matches the page size selected in the current program.

### *IS THE SIZE OF THE TOP MARGIN SPECIFIED IN THE PROGRAM TOO LARGE?*

From Preferences, select Printer and click Set Default Page Size and set the top, bottom, right or left margin to the minimum values.

## COLORS STREAKED OR INCORRECT

The text appears scratched, streaked, or the wrong colors are printed.

### *IS THE INK IN THE BJ CARTRIDGE IN GOOD CONDITION?*

If text or images are streaked, scratched, faint, or if the wrong colors are printing, one of the ink tanks may have run out of ink, the print nozzles may be clogged, or the print head may be worn out.  
Print a Nozzle Check Pattern and check the printed patterns.  
Clean the print head when the patterns are broken or missing.

### *HAS THE PROTECTIVE TAPE OR CAP BEEN REATTACHED?*

If the protective tape or cap has been re-attached, remove it. Install the BJ cartridge in the printer and clean the print head immediately.  
After cleaning the print head, if printing is patchy or streaked replace the BJ cartridge.

---

**Note:** After removing the orange protective cap and tape, do not attempt to re-attach them to the BJ cartridge. Re-attaching the tape or cap can cause air bubbles or trap dirt or dust and clog the ink nozzles.

---

*DID YOU PRINT ON THE CORRECT PRINT SIDE OF THE PAPER?*

The correct print side is different for each type of paper.  
Make sure that the correct print side is facing up when you load the paper in the auto sheet feeder.

## STRAIGHT LINES ARE BROKEN

*IS THE BJ CARTRIDGE INSTALLED CORRECTLY?*

Remove the BJ cartridge and re-install it correctly. See Chapter 2, *Using the BJ Cartridge* for instructions.

## PRINTED PAGES CURLED

As printed pages are ejected from the printer, they are curled or wavy.

*ARE YOU PRINTING ON THIN PAPER?*

The large amount of ink used to print color photographs and illustrations can cause printed pages to curl or warp.  
Use only approved paper types. For documents with large amounts of ink, such as pictures, try using High Resolution Paper.

---

**Note:** When using High Resolution Paper or other special paper, always load the pages with the print side facing up. Only one side of this type of paper is treated with a special coating for better ink absorption.  
Curling occurs most frequently with small paper sizes such as A5. To avoid this curling problem, try not to use small paper sizes to print documents that contain photographs or illustrations.

---



## BACKS OF PAGES STAINED WITH INK

The backs of pages are stained after they are printed and ejected from the printer.

### *IS THE INSIDE OF THE PRINTER DIRTY?*

Clean the printer periodically. Printouts may be stained by excess ink inside of the printer.

### *IS A PAGE EJECTED BEFORE THE PREVIOUS PAGE IS DRY?*

If you are printing on paper that requires a few minutes to dry, remove each page from the paper output tray as it is ejected from the printer. This prevents the next page from stacking on top of a printed page before it is dry.

## INK BLURRED

Images are not sharp or the ink has spread and run together.

### *ARE YOU USING PLAIN PAPER?*

To minimize ink spread, use High Resolution Paper instead of plain paper.

### *IS THE PRINT HEAD DIRTY?*

Clogged print head nozzles can cause ink spread and blurring. Clean the print head.

## PRINTED SURFACE SCRATCHED

The print side of the paper is scratched.

### *ARE YOU PRINTING ON THICK PAPER?*

If you print on paper thicker than the allowed maximum weight of 28 lb (105 g/m<sup>2</sup>), the print head may scratch the printed surface of the page. If you experience difficulty when printing on thick paper, clean the print head.

### *IS THE PAPER THICKNESS LEVER SET CORRECTLY?*

When printing on thick paper such as envelopes or banner paper, move the paper thickness lever all the way to the right.

Also, try moving the paper thickness lever to the right if the printer surface is scratched when printing on plain paper.

### *ARE YOU PRINTING ON CURLED PLAIN PAPER?*

If curled plain paper is loaded with the curl bowing up, the print head may scratch the bottom edge of the paper.

Remove the plain paper, turn it over, and load it in the auto sheet feeder again.

### *ARE YOU PRINTING OUTSIDE THE RECOMMENDED PRINTING AREA?*

If you print outside the recommended printing area, the print head may scratch the bottom edge of the page.

To avoid problems, print only in the recommended printing area.

## **WHITE STREAKS VISIBLE**

### *PRINT A NOZZLE CHECK PATTERN.*

If colors are broken or missing, clean the print head.

If any portion of the Nozzle Check Pattern is streaked, the print head could be clogged or the BJ cartridge may be worn out.

## **LAST PART OF PRINT JOB NOT PRINTING**

### *ARE YOU USING THE CORRECT PAPER SIZE SETTING?*

If the size of the paper loaded in the printer does not match the page size setting, part of each page may not print.

From Preferences, select Printer and click Set Default Page Setting. Adjust the Page Size by selecting from the choices in the pull down menu, or indicating the page dimensions in the Height and Width fields.

## PRINTER DOES NOT OPERATE AFTER IT IS PLUGGED IN

The printer does not operate after its power cord is plugged into a power outlet.

### *IS THE PRINTER PLUGGED IN?*

There is no power button on this printer. The printer is turned on automatically as soon as it is plugged into the power outlet. Confirm that the printer power plug is connected to the printer and plugged into a live power outlet.

### *IS THE POWER OUTLET LIVE?*

Connect another electrical device to the same power outlet. If the other device operates normally, the power outlet is functioning normally. If you perform these checks and the problem is not solved, unplug the printer and contact the Canon Customer Care Center.

## PRINTER DOES NOT OPERATE AFTER THE PRINT JOB IS EXECUTED FROM THE COMPUTER.

### *IS THE PRINTER TURNED ON?*

There is no power button on the printer. The printer turns on automatically as soon as you plug it into the power outlet.

### *ARE YOU PRINTING A VERY LARGE FILE?*

A very large file may require some time to process before printing begins. Photographs and illustrations can increase the size of a file. For a very large file, wait a few minutes for the print job to begin.

### *ARE THE PRINTER AND COMPUTER SECURELY CONNECTED?*

Check the printer cable connections at the printer and computer. A faulty or loose connection can prevent it from starting.

## PRINTING HALTS

The printer stops printing before the print job is complete.

*IS THE PRINT JOB A FINELY-DETAILED PHOTOGRAPH OR ILLUSTRATION?*

The printer requires more time to process a finely detailed illustration or photograph.

If the print job requires a large amount of black ink, it may take more time to print.

*HAS THE PRINTER BEEN OPERATING FOR A LONG TIME?*

The print head may occasionally overheat during a long print job.

If the print head overheats, printing pauses at the end of a pass across the page to allow time for the print head to cool and then restarts after a brief interval. Interrupt printing at a convenient point, unplug the printer and wait for at least 15 minutes for the print head to cool.



To avoid minor burns, do not touch the print head or the surrounding area.

## PRINTER STARTS BUT NOTHING PRINTS

The printer operates, but nothing is printed on the page.

*IS THE INK IN THE BJ CARTRIDGE IN GOOD CONDITION?*

The print head nozzles may be clogged, one or more of the ink tanks may be low, or the BJ cartridge may be worn.

Print a Nozzle Check Pattern to check the status of the print head and clean the print head.

If the problem is not solved, replace the ink tank or the BJ cartridge.

If the Nozzle Check Pattern looks correct, check that the printer is connected to the computer securely. If the connection is loose, printing will start but nothing may be printed.

Also check that there is not a problem with the document.

*DID YOU REMOVE THE ORANGE PROTECTIVE TAPE FROM THE PRINT HEAD?*

If the orange protective tape is not removed from the BJ cartridge, ink cannot be ejected from the BJ cartridge. Remove the BJ cartridge and check the print head. If the tape has not been removed, remove it.

## CARTRIDGE HOLDER DOES NOT MOVE TO CENTER

You want to switch the BJ cartridge, replace an ink tank, or replace the BJ cartridge, but the cartridge holder does not move to the center when you open the front cover.

*IS THE PRINTER TURNED ON?*

Confirm that the printer is plugged in.

*HAVE YOU BEEN PRINTING FOR AN EXTENDED PERIOD?*

The print head overheats if you print continuously for long periods. When this happens, the cartridge holder stops moving to protect the print head. Wait about 15 minutes for the print head to cool.

## THE CARTRIDGE HOLDER DOES NOT RETURN TO THE HOME POSITION

When you replace a BJ cartridge or ink tank, the cartridge holder does not return to the home position after you close the front cover.

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**Note:** The cartridge holder normally stays at the right except during printing or when you open the front cover. However, if the BJ cartridge is not properly installed, the cartridge holder won't return to the home position.

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### *IS THE BJ CARTRIDGE CORRECTLY INSTALLED?*

Disconnect the power cord. Reinstall the BJ cartridge and reconnect the power cord.

If the reinstalled cartridge holder still does not return to the starting position, install another BJ cartridge.

If the problem still persists, there may be a fault in the printer. Contact MyTurn.com.

## **CHECKING THE CABLE CONNECTION**

If you have problems with the printer, the cause may be in the cable being used to connect the printer and computer.

Disconnect the cable from the printer and computer.

Reconnect the cable to ensure the connector is making a good connection. Be sure to orient the connectors to align with the printer and computer connections.

Screw in the cable connector screws completely to ensure a solid connection between the connectors.

If you are still having problems, the printer cable may be faulty.

Replace the printer cable and try again. If problems persist contact MyTurn.com

## **PAPER DOES NOT FEED FROM AUTO SHEET FEEDER**

After the print job is started, the paper loaded in the auto sheet feeder does not feed.

### *IS THE PAPER TOO THICK?*

Thick paper does not feed. Do not attempt to print on paper thicker than 28 lb (105 g/m<sup>2</sup>).

### *IS THE SHEET FEEDER OVERLOADED?*

The number of sheets you can load in the auto sheet feeder depends on the paper you are using. The paper does not feed correctly if you exceed the prescribed number of sheets. Refer to the table at the beginning of Chapter 3, Paper and Print Media for paper load limits for the printer.

*IS THE PAPER FOLDED OR CURLED?*

To avoid misfeeds and paper jams, do not load folded, curled or wrinkled paper in the auto sheet feeder.

## ENVELOPES DO NOT FEED

Envelopes do not feed or skew during feeding.

*ARE THE ENVELOPES CURLED OR BENT?*

Before you load envelopes, make sure they are flat. Press down firmly around the edges of the stack to flatten the envelopes and expel air from inside the envelopes.

If the envelopes are still not perfectly flat, hold the edges of the stack diagonally and bend them gently to straighten them.

Make sure the flaps in the stack of envelopes are straight and not overlapping. If the envelopes still do not feed, use a pen or similar object to flatten the edges of the envelopes.

*ARE TOO MANY ENVELOPES LOADED?*

You can set up to five envelopes in the auto sheet feeder.

*IS THE PAPER GUIDE SET CORRECTLY?*

If the paper guide on the auto sheet feeder is not set correctly, the paper does not feed straight or may jam in the printer.

The paper guide must be snug against the side of the stack and not too tight.

*ARE THE ENVELOPES LOADED CORRECTLY?*

To avoid misfeeds and jams, always load the top edge of an envelope (or stack of envelopes) lengthwise with the flap side down.

## PAPER SKEWING DURING FEEDING

The paper does not feed straight into the feed slot.

### *IS THE AUTO SHEET FEEDER OVERLOADED?*

The number of sheets you can load in the auto sheet feeder depends on the paper you are using. The paper does not feed correctly if you exceed the prescribed number of sheets.

### *IS THE PAPER FOLDED OR CURLED?*

To avoid misfeeds and paper jams, do not load paper in the auto sheet feeder that is folded, curled, or wrinkled.

### *IS THE PAPER GUIDE SET CORRECTLY?*

If the paper guide on the auto sheet feeder is not set correctly, the paper does not feed straight or may jam in the printer.

The paper guide must be snug against the side of the stack and not too tight.

## MULTIPLE SHEETS FEED TOGETHER

When you have a stack of paper in the sheet feeder and more than one sheet feeds from the stack at the same time.

### *DID YOU FAN THE STACK BEFORE LOADING?*

Before loading a stack of paper in the auto sheet feeder, always fan the pages to remove static cling and align the edges. Fanning the stack separates the sheets so they can feed smoothly from the auto sheet feeder.

### *IS THE AUTO SHEET FEEDER OVERLOADED?*

The number of sheets you can load in the auto sheet feeder depends on the paper you are using. The paper does not feed correctly if you exceed the prescribed number of sheets.



### *IS THE PAPER FOLDED OR CURLED?*

To avoid misfeeds and paper jams, do not load paper in the auto sheet feeder that is folded, curled, or wrinkled.

## PAPER JAM

If paper jams in the printer, remove it.

Slowly pull the paper out of the printer from the auto sheet feeder or the paper output slot, whichever is easier.

If the paper tears or shreds, unplug the printer, then open the front cover and remove all the fragments of paper.

Close the front cover, load the paper, and then print again.

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**Note:** You can load paper within the range of 17 to 28 lb (64 to 105 g/m<sup>2</sup>) in the auto sheet feeder.

To avoid misfeeds and paper jams, do not load wrinkled, folded, or curled paper in the auto sheet feeder.

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## CANNOT PRINT IN THE BACKGROUND

Background printing enables you to continue using other programs while printing a document. This feature is available from the Advanced Desktop.

### *DOES THE DOCUMENT APPEAR IN THE SPOOLER WINDOW?*

From the Express menu, select the Print Spooler.

As you direct documents to the printer, the document print job should display in the spooler window.

If it does not, then there is a problem with the program. Try restarting the computer.

If it does, then there may be a problem with the printer or printer cable. Verify the correct operation of the printer and the printer cable connection.

## INK RUNS OUT TOO QUICKLY

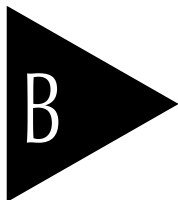
### *ARE YOU OPENING AND CLOSING THE FRONT COVER?*

Each time you open the front cover for more than a few seconds, the print head cleaning starts and ink is consumed. Although this automatic mechanism is employed to ensure optimum print head performance, to conserve ink you want to avoid opening the front cover unnecessarily.

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**Note:** Print head cleaning also starts automatically whenever you replace a BJ cartridge.

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# ***SPECIFICATIONS\****

This chapter describes the technical details of the printer and supported print areas.

## PRINTING SPECIFICATIONS

- Printing method  
Bubble Jet on-demand
  - Printing resolution  
720 (horizontal) × 360 (vertical) dpi
  - Print speed (printing with Canon standard pattern):
    - Black printing using BC-20 Black BJ Cartridge Fast: 5 ppm  
Normal: 4 ppm
    - Color printing using BC-21e Color BJ Cartridge Fast: 2 ppm (2.5 ppm<sup>1</sup>)  
Normal: 1.5 ppm
- <sup>1</sup> Measured at ISO 10561
- Print direction  
Bi-directional
  - Print width  
max. 8.0 in (203.2 mm)

\* Specifications subject to change without prior notice.

## INTERFACE SPECIFICATIONS

- Interface (parallel)  
IEEE 1284-compatible
- Interface (USB)  
USB 1.10-compatible
- Interface connector (parallel)  
Amphenol 57-40360 or equivalent
- Interface connector (USB)  
USB standard Series B receptacle (USB interface)
- Recommended printer cable (parallel)  
Material:       AWG28 or larger  
Type:           Twisted-pair shielded cable  
Length:         Up to 6.5 ft (2.0 m)  
Connectors:    Amphenol 30360 or equivalent
- Recommended printer cable (USB)  
Material:       AWG28 (data wiring pair) or AWG20 to 28 (distribution pair)  
Type:           Twisted-pair shielded cable  
Length:         Up to 16.4 ft (5.0 m)  
Connectors:    USB standard Series B pluggable

## GENERAL SPECIFICATIONS

- Acoustic noise level  
Approx. 45 dB (per ISO 9296)
- Operating environment  
Temperature:   41 to 95°F (5 to 35°C)  
Humidity:       10 to 90% RH (no condensation)
- Storage environment  
Temperature:   32 to 95°F (0 to 35°C)  
Humidity:       5 to 90% RH (no condensation)
- Power supply  
USA/Canada    AC 120 V, 60 Hz

- Power consumption
  - Standby: Approx. 2 W
  - Printing: Approx. 18 W
- Dimensions (with paper rest and paper output tray and extension retracted):
  - 14.6 × 7.5 × 6.5 in (W×D×H)
  - 370 × 191 × 164 mm (W×D×H)
- Weight
  - Approx. 5.3 lb (2.4 kg)
  - (with paper rest and paper output tray and extension attached)

## FEED METHOD

- Continuous feed through auto sheet feeder; single or multiple sheets

## SHEET FEEDER CAPACITY

Plain Paper (20 lb)	50 sheets max.
Banner Paper	1 sheet
Greeting Cards	1 sheet
High Resolution Paper	40 sheets max.
Envelopes	5 pieces max.

## PRINT MEDIA

- Regular size Letter, Legal, A4, A5, B5, US Com.#10, European DL
- Custom size width: 3.94 to 9.5 in (100.0 to 241.3 mm)
  - height: 3.94 to 23.0 in (100.0 to 584.2 mm)
- Weight 17 to 28 lb (64 to 105 g/m<sup>2</sup>)

- Canon Speciality Papers
  - Banner Paper
  - Brilliant White Paper
  - Bubble Jet Paper
  - Greeting Cards
  - High Resolution Paper

## GRAPHIC IMAGE PRINTING

- Data format Canon extended mode —Raster image format
- Resolution Canon extended mode —180, 360, 720 dpi

## COMPATIBLE BJ CARTRIDGES



- BC-20 Black BJ Cartridge
  - Nozzles 128
  - Ink colors Black only
  - Capacity Approx. 900 text pages at 5% coverage
- BC-21e Color BJ Cartridge
  - Nozzles 24 per color, 64 for black
  - Ink tanks BCI-21 Color (Cyan, Yellow, Magenta)  
BCI-21 Black (Black)
  - Capacity Approx. 130 sheets per cartridge at 7.5% coverage

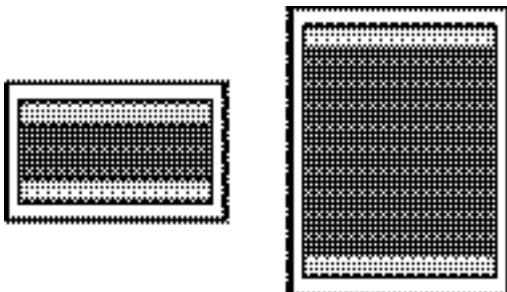
## PRINTER SOFTWARE

GlobalPC running GEOS operating system with parallel port interface.

# PRINTING AREA

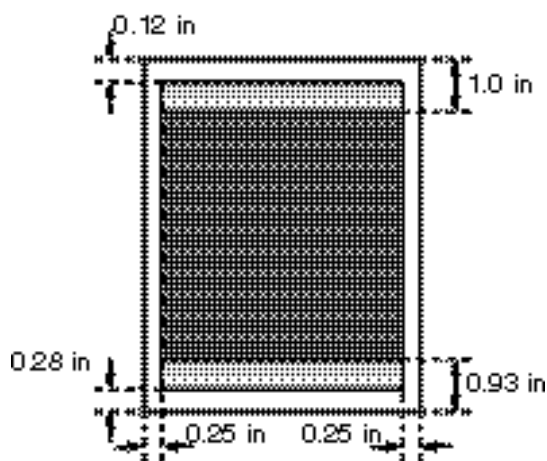
To ensure the best print quality, the printer allows a margin along each edge of media.


- Printing area (dark blue): Canon recommends that you print within this area. (  )
- Printable area (light blue): The area where it is possible to print. However, printing in this area can adversely affect the print quality or the paper feed precision. (  )



## LETTER, LEGAL

Media Type	Printable Area (width x height)
Letter	8.0 × 10.61 in
Legal	8.0 × 13.61 in



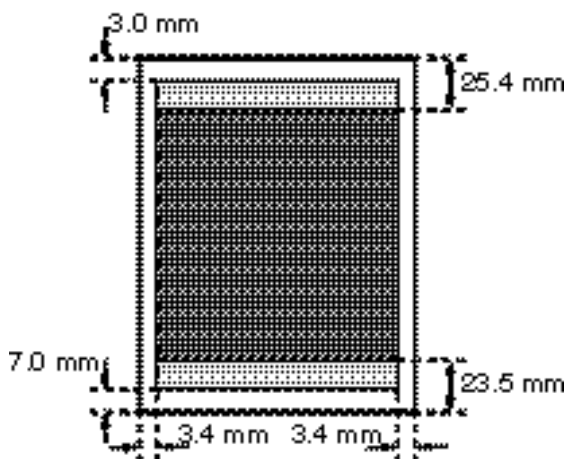
 Recommended printing area


 Printable area



# A5, B5, A4

Media Type	Printable Area (width x height)
A5	141.2 × 200.0 mm
B5	175.2 × 247.0 mm
A4	203.2 × 287.0 mm

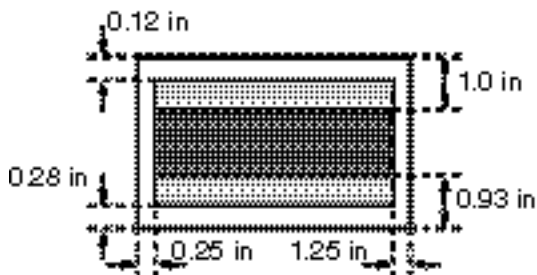



 Recommended printing area

 Printable area

## US Com. #10 ENVELOPE

Media Type	Printable Area (width x height)
US Com. #10	9.0 × 3.81 in

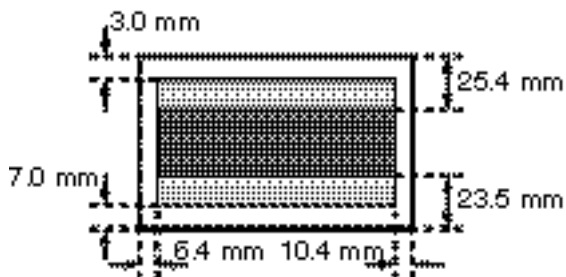


 Recommended printing area

 Printable area

## EUROPEAN DL ENVELOPE

Media Type	Printable Area (width x height)
European DL	203.2 × 100.0 mm

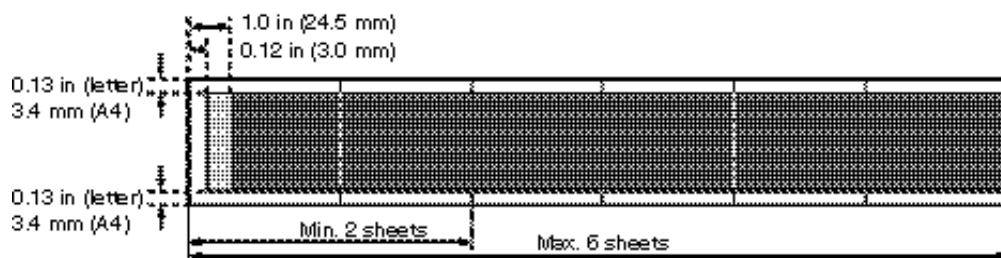



 Recommended printing area

 Printable area

## BANNER PAPER

Media Type	Printable Area (width x height)
Banner Paper	8.24 × 65.88 (Letter)
	203.2 × 1779.0 mm (A4)



 Recommended printing area

 Printable area