

**Canon**

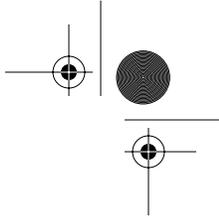
**S200**

Color Bubble Jet™ Printer



Quick Start Guide





Canon S200 Color Bubble Jet Printer Quick Start Guide.

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**Disclaimer**

Canon U.S.A. Inc. has reviewed this manual thoroughly in order that it will be an easy to use guide to your Canon S200 Color Bubble Jet Printer. 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, representation or warranties concerning the products described.

Specifications are subject to change without notice.

All print speeds based on draft mode. Print speed will vary depending on system configuration, software, document complexity, print mode and page coverage.



As an ENERGY STAR partner, Canon U.S.A. Inc., has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

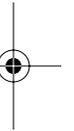
All information regarding non-Canon products was compiled from publicly available information. No representation is made regarding the accuracy thereof.

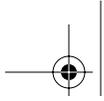
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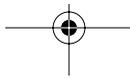




# S200 Contents

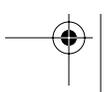
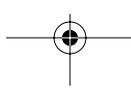
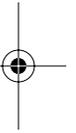
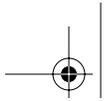
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<b>Chapter 1: Basic Printing</b>	
Turning Your Printer On and Off .....	1
What Is a Printer Driver? .....	2
Selecting the S200 Printer for Use .....	2
Recommended Paper Use .....	3
Loading Paper and Other Media .....	4
Cancelling a Print Job .....	7
<b>Chapter 2: Advanced Print Features</b>	
Improving Printed Images .....	9
Adjusting Print Quality .....	9
Adjusting Color Balance, Intensity and Brightness .....	13
Changing the Page Setup .....	15
Saving and Recalling Driver Settings .....	19
<b>Chapter 3: Printing Maintenance</b>	
Monitoring Ink Levels .....	21
Replacing Ink Tanks .....	23
Printing a Nozzle Check Pattern .....	25
Cleaning the Printhead .....	27
Aligning the Printhead .....	29
<b>Chapter 4: Troubleshooting</b>	
Tips for Troubleshooting .....	31
Customer Care Center .....	38
<b>Appendix</b>	
Installing the Printer Driver .....	39
Uninstalling the Printer Driver .....	41
Registering Your Canon Product .....	41
Safety Information .....	42
Regulatory Information .....	44
Product Specifications .....	45
Limited Warranty—U.S. Only .....	47
<b>Index</b> .....	49





# S200 Contents



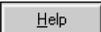
# S200 Chapter 1: Basic Printing

Congratulations on purchasing your new Canon® S200 Color Bubble Jet™ Printer! With this printer, you can print basic business documents in color or black & white, as well as print on a variety of specialty media, such as Canon High Resolution Paper (ideal for documents that include large numbers of color illustrations), Canon Glossy Photo Paper or Canon Photo Paper Pro (for digital photographs) and Canon Transparencies (for presentations). For a full list of the Canon specialty media that can be used with your S200 printer, see “Specialty Media” on page 3.

**Note**

This Quick Start Guide describes some of the features of your S200 printer and how to use them. For more information, view and/or print the *S200 User's Guide* on the Setup Software & User's Guide CD-ROM, or use the online help in your printer interface:



While in the printer's Properties window, press the **F1** key, or click  in the upper right corner then click the feature you want to know more about, or click the  button when displayed.



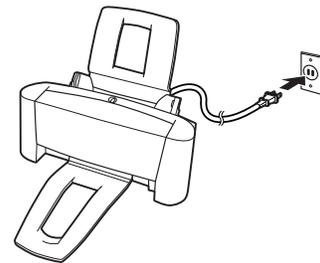
Turn Bubble Help on by selecting **Help**, then **Show Bubble Help**.

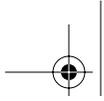
Driver features and screen shots described in this guide reflect Windows® 98 and may be different for Windows XP™, Me and 2000 users.

## Turning Your Printer On and Off

To turn your printer on, plug the power cord into an electrical outlet.

To turn your printer off, simply unplug the power cord from the back of the printer.





# S200 Basic Printing



## What Is a Printer Driver?

Most computers require special software to link the software applications you use to create documents or images with your printer. This software, called a *printer driver*, converts information from the application into a format that the printer can understand. The Canon S200 printer driver also provides other features, such as monitoring the printer's paper supply and ink levels.

## Selecting the S200 Printer for Use

If the S200 is the only printer connected to your computer, it will automatically be set as the default (main) printer. However, if your computer has access to multiple printers, you can set the S200 as the default printer.



### To set the S200 as the default printer in Windows®:

1. Click **Start**, then **Settings**, then **Printers**.
2. Right-click the Canon S200 printer icon, then click **Set as Default**. The Canon S200 printer icon will display a check mark indicating that it is the default printer.



### To select the S200 from within a Windows application:

Even if another printer is set as the default printer, you can still select the Canon S200 for a specific print job from within most Windows applications.



**Note**

Menus vary between applications. Consult your application user documentation if the Print option is not listed.

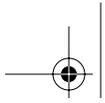
1. From the **File** menu, click **Print**.
2. Select **Canon S200** from the Name drop-down list, then click **OK**.



### To select the S200 in Mac® OS:

1. Click **Apple**, then **Chooser**.
2. Click the **S200** printer icon. The S200 will remain the default printer until another is selected.





## Recommended Paper Use

Two steps are recommended for getting the best output for your printed documents:

- Set the printer thickness lever inside the printer cover for the media used. (See “Load Limit and Paper Thickness Lever Position” on page 4.)
- Select the correct media setting in the printer driver from your computer. (See “Chapter 2: Advanced Print Features” on page 9.)

## General Business Printing

For everyday paper printing, use plain paper (17 to 28 lb.). Use standard #10 envelopes with your S200 printer.

## Specialty Media

For optimum results, Canon recommends that you use genuine Canon media with your S200 printer. Follow the instructions that come with any specialty media on storing, handling and printing.

Specialty media available for use with the S200 include:

- Canon High Resolution Paper
- Canon Transparencies
- Canon Banner Paper
- Canon Glossy Photo Paper
- Canon Photo Paper Pro
- Canon Glossy Photo Cards
- Canon High Gloss Photo Film
- Canon T-Shirt Transfers



Note

For instructions on loading and handling specialty media, see the instructions that come with that media type or see the *S200 User's Guide* on the Setup Software & User's Guide CD-ROM.

Handle media carefully by its edges. Dirt or fingerprints on the print surface will adversely affect print quality.



# S200 Basic Printing

## Media to Avoid

Do not use the following types of media with your S200 as they could produce poor quality print images, or jam or damage the printer:

- Paper that is folded, excessively curled, wrinkled or wrapped
- Damp paper
- Excessively thin or thick paper
- Paper with pasted photos, stickers, etc.
- Envelopes with overlapping flaps or self-sealing flaps
- Tractor feed paper, perforated paper or 3-hole punched paper, or paper with any type of attached fasteners, ribbons, etc.

## Loading Paper and Other Media

### Load Limit and Paper Thickness Lever Position

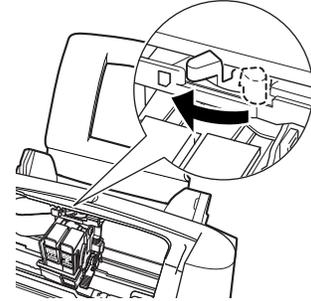
Media Type	Paper Rest Load Limit	Paper Thickness Lever Position
Plain paper	up to 50 sheets (17 lb.)	Left 
High Resolution Paper	up to 40 sheets	Left 
Photo Paper Pro	1 sheet	Left 
Photo Paper Pro (4 x 6)	1 sheet	Left 
High Gloss Photo Film	1 sheet	Left 
Glossy Photo Paper	1 sheet	Left 
Glossy Photo Cards	1 sheet	Left 
Transparencies	up to 20 sheets	Left 
#10 Envelopes	up to 5 envelopes	Right 
Banner Paper	1 sheet (can print up to 6 connected sheets)	Right 
T-Shirt Transfers	1 sheet	Right 

## Basic Printing

The S200 can print on paper ranging from standard copier paper (usually 17–28 lb.) to specialty media paper and envelopes.

The paper thickness lever is located inside the front cover, on the printhead holder. It controls the paper feed for the type and weight of the media on which you are printing.

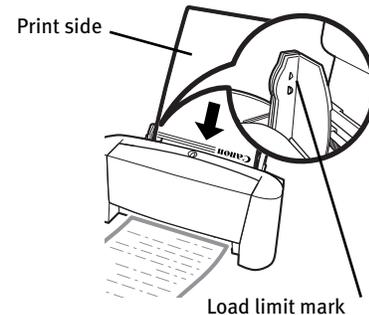
-  For envelopes (see “To load envelopes:” on page 6), banners and T-Shirt Transfers.
-  For regular paper and other media with a left position in the table (see “Load Limit and Paper Thickness Lever Position” on page 4).



Use the chart on the previous page to ensure that the paper thickness lever is set correctly for the type of media you are using.

### To load paper or other media:

1. Make sure the paper thickness lever is set correctly for the media used.
2. Slide the paper guide completely to the left.
3. Fan the edges of the sheets to remove static cling and avoid paper jams, then tap the edges of the stack against a flat surface so the stack is aligned.
4. Insert the media into the paper rest, with the print side facing up.



**Note**

Some papers, especially specialty media, have specific sides for printing. The print side is usually the glossier side or the brighter white side. When using specialty media, do not touch the print side.

5. Slide the paper guide to the edge of the media until it is firmly in place.



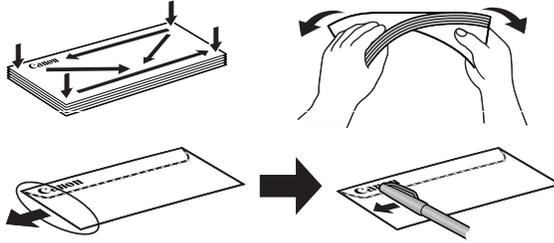
**Note**

You can load up to 50 sheets of plain (17 lb.) paper or 40 sheets of Canon High Resolution Paper in the paper rest at one time. Never load the paper above the load limit mark.

# S200 Basic Printing

## To load envelopes:

1. Open the front cover and set the paper thickness lever to the envelope mark. Close the cover.
2. Slide the paper feed guide to the left.
3. Press down on the corners and sides of the envelopes to make them as flat as possible by expelling all of the air.



To avoid paper jams, make sure envelopes are flat before you load them into the paper tray.



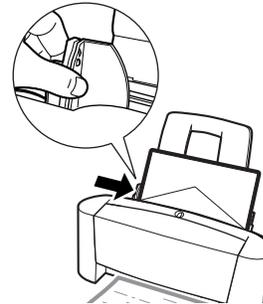
**Note**

Make sure that none of the flaps overlap. If the envelope edges are not flat, crease them with the side of a pen.

Do not allow more than 5 envelopes to stack on the paper output tray.

4. With the address side facing down and pointed in the direction shown in the illustration, align the stack with the right side of the paper rest, then insert the stack into the printer.
5. Slide the paper guide to the edge of the envelopes until it is firmly in place.

Flap side of envelope faces up



**Note**

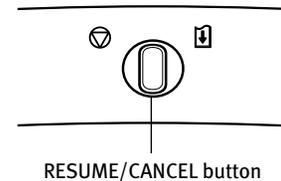
When printing envelopes, be sure to select Envelope as the Media Type on the Main tab of the Properties window. For more information, see page 9 (Windows) or page 11 (Mac OS) of this guide, or refer to the *S200 User's Guide* on the Setup Software & User's Guide CD-ROM.

## Canceling a Print Job

There are several ways to cancel a print job in progress:

### To cancel a print job from the printer:

While a job is printing, press the **RESUME/CANCEL** button on the printer. The print job will be cancelled and the paper ejected.



### To cancel a print job from the BJ Status Monitor:

The BJ Status Monitor launches automatically when data is sent to the printer.

1. Click the **Canon BJ Status Monitor** icon on the Task Bar.
2. Click **Cancel Printing**.

The print job will be cancelled and the paper ejected.



### To cancel a print job from Windows:

1. Click **Start**, then **Settings**, then **Printers**.
2. Double-click **Canon S200**, click the print job, then press the **Delete** key.

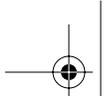
The print job will be cancelled and the paper ejected.



### To cancel a print job in Mac OS when using foreground printing:

On your keyboard, press the Apple™ **Command** key (⌘) and the **period** key (.) at the same time.

The print job will be cancelled and the paper ejected.



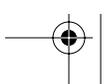
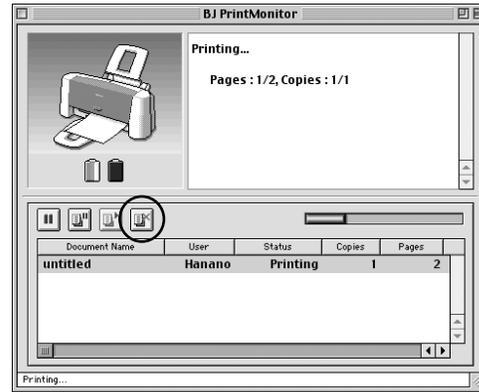
# S200 Basic Printing

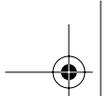


## To cancel a print job in Mac OS when background printing is enabled:

1. While a job is printing, go to the BJ Print Monitor window (click **Finder**, then **BJ Print Monitor**).
2. Highlight the job to be cancelled.
3. Click the **Stop Printing**  icon in the Print Queue dialog box.

The print job will be cancelled and the paper ejected.





S200

# Chapter 2: Advanced Print Features

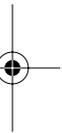
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## Improving Printed Images

Two important factors control the quality and output of your printed images:

**Paper and Ink** Using recommended paper or specialty media for printing graphic images or photographs can significantly improve the quality of your printout. (See “Recommended Paper Use” on page 3.) Also, always use the specific Canon inks for your S200 printer, as noted on the inside back cover.

**Printer Driver Settings** There is a variety of settings you can use to enhance the quality of the print, the colors and the way in which the document comes out of the printer.



## Adjusting Print Quality

Two of the features that affect the appearance and quality of your printed documents can be controlled with the printer driver.

**Media Type** The S200 automatically adjusts printer settings to improve print quality based on the media type (plain paper, Glossy Photo Paper, etc.) you select.

**Print Quality** When you select a media type, print quality is automatically set for that media. You can change print quality settings if desired.



## S200 Advanced Print Features



### To manually adjust print quality settings in Windows:

1. From an application **File** menu, select **Print**.
2. With **Canon S200** as the selected printer, click **Properties**. The S200 Properties window will open to the Main tab.
3. Select the appropriate **Media Type** from the drop-down menu.
4. Each media type has a default quality, but you can select a different **Print Quality**:

**High** For high quality when printing a color document.

**Standard** For high quality when printing text.

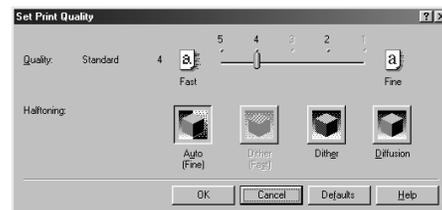
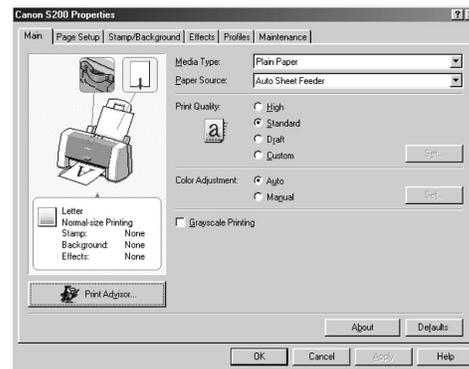
**Draft** For high speed when printing text drafts.

**Custom** Allows for more precise control.

If you select **Custom**, the Set button becomes active. Click **Set** to open the Set Print Quality dialog box. There are two features you can control:

**Quality** The printer driver provides five settings for custom print quality, ranging from **Fast** at the far left (which means faster printing and less ink) to **Fine**.

**Halftoning** This controls the pattern in which the ink is laid down during printing for graphic images.



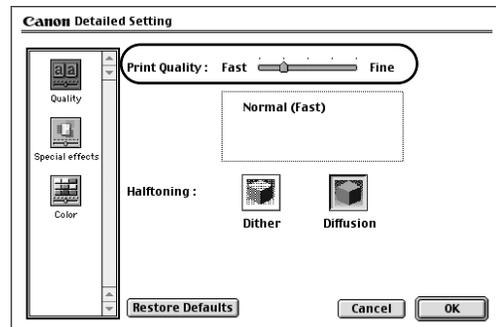
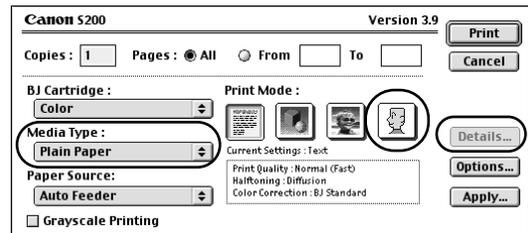
5. When done, click **OK**.

## Advanced Print Features



### To manually adjust print quality settings in Mac OS:

1. Make sure that the **S200** is the selected printer (from the **Apple** menu, select **Chooser**, then **S200**).
2. From an application **File** menu, click **Print**.
3. Select a media type from the **Media Type** drop-down menu.
4. Click the **Manual**  print mode icon, then click the **Details** button. The Detailed Setting dialog box will open. Make sure **Quality** is selected.
5. Click and drag the **Print Quality** slide bar to select your preferred output quality.
6. When done, click **OK**, then **Print**.



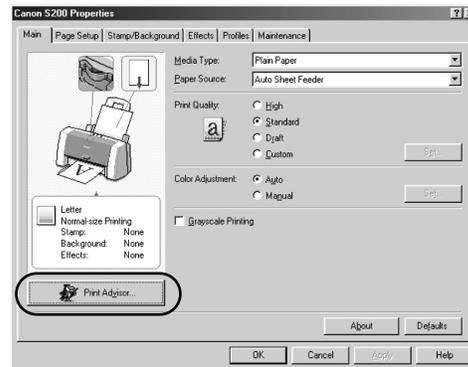
## S200 Advanced Print Features



### To select best print quality with the Print Advisor wizard:

Print Advisor is a wizard that helps you select the optimum media type and print quality for your print job.

1. From an application **File** menu, select **Print**.
2. With **Canon S200** as the selected printer, click **Properties**. The S200 Properties window will open to the Main tab.
3. Click the **Print Advisor** button. The wizard dialog box will open.
4. Follow the on-screen instructions to select the appropriate driver settings for your print job.



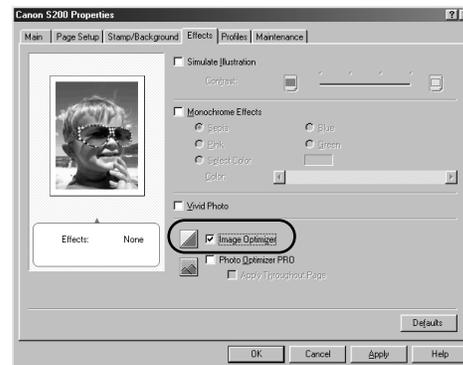
5. Click **OK** to save the setting and close the S200 Properties window.



### To automatically make images smoother in Windows:

Image Optimizer smooths jagged edges formed when enlarging a photo or graphic from its original size. It is most effective when used with low-resolution images.

1. From an application **File** menu, select **Print**.
2. With **Canon S200** as the selected printer, click **Properties**.
3. Click the **Effects** tab, then click the **Image Optimizer** check box.
4. Click **OK** to save this setting and close the S200 Properties window.



## Adjusting Color Balance, Intensity and Brightness

You can enhance color printing by adjusting the color balance, intensity (saturation) and brightness.



Note

For more information on these settings, see the *S200 User's Guide* on the Setup Software & User's Guide CD-ROM, or access the online help (press **F1** or click  in Windows; turn on Bubble Help in Mac) while in the printer driver interface.



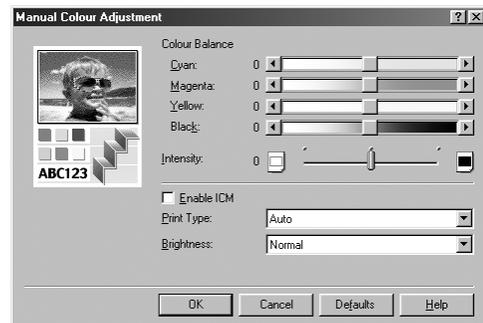
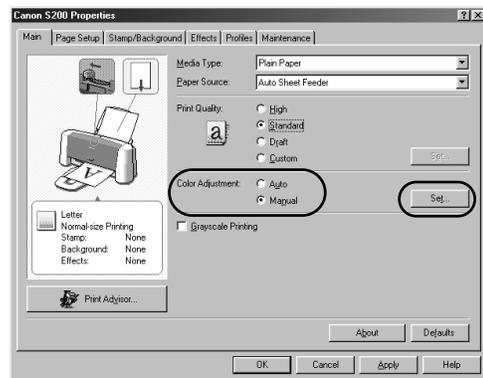
### To manually adjust color settings in Windows:

1. From an application **File** menu, select **Print**.
2. With **Canon S200** as the selected printer, click **Properties**.
3. On the **Main** tab, under **Color Adjustment**, select **Manual**. The **Set** button will become active.
4. Click **Set**, and the Manual Color Adjustment dialog box will open.



To print in black only, check the **Grayscale Printing** box. This will convert color images to grayscale when printing, without changing the original colors in the document.

5. Click and drag the **Color Balance** slide bar for each color to adjust the color settings. The results will preview.
6. Click and drag the **Intensity** slide bar to change the intensity (saturation) for the image. The results will preview.
7. **Image Color Management (ICM)** is a feature that automatically adjusts the image colors.



## S200 Advanced Print Features

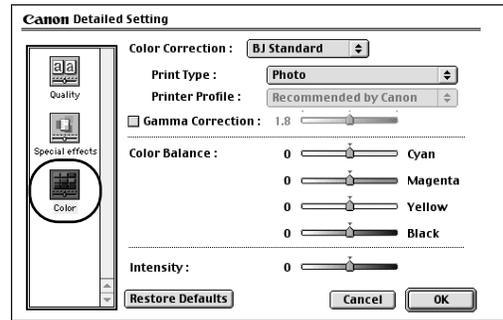
 **Note** To use ICM for automatic color adjustment, click the **Enable ICM** check box. All other features on this tab (except Intensity) will become inactive.

8. Under **Print Type**, select **Photo** when printing photographs. This allows for a wider range of tones. Set to **Graphic** when printing graphic images for crisper, cleaner graphic images.
9. Select a **Brightness** setting to determine how light or dark the image will appear when printed.
10. When done, click **OK**.



### To manually adjust color settings in Mac OS:

1. Make sure that the **S200** is the selected printer. (From the **Apple** menu, select **Chooser**, then **S200**.)
2. From an application **File** menu, click **Print**.
3. Click the **Manual**  print mode icon, then click **Details**.
4. Click the **Color** icon.
5. Adjust the **Color Correction**, **Print Type**, **Gamma Correction**, **Color Balance** and **Intensity** settings for your image.
6. When done, click **OK**, then **Print**.



### To automatically optimize the image in Windows:

Photo Optimizer PRO automatically adjusts a photographic image created with a digital camera. Use this feature to compensate for unsatisfactory color balance and over- or under-exposure before printing.

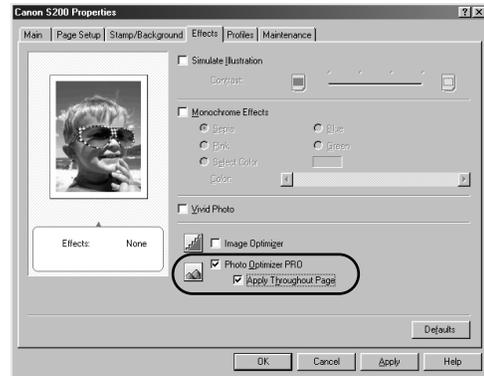
1. From an application **File** menu, select **Print**.
2. With **Canon S200** as the selected printer, click **Properties**.
3. Select the **Effects** tab.

## Advanced Print Features

- Click to check the **Photo Optimizer PRO** check box.

When **Photo Optimizer PRO** is checked, the **Apply Throughout Page** option becomes active. If this box is left unchecked, the S200 will optimize each image individually. If checked, all images will be corrected automatically with the same settings.

- When done, click **OK**.



## Changing the Page Setup

You can change how the image is printed without affecting the original image file.



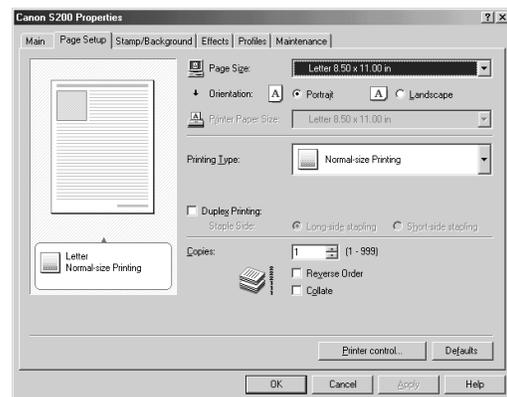
### To change page setup in Windows:

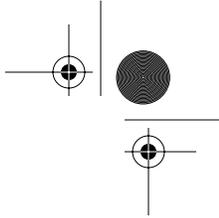
- From an application **File** menu, select **Print**.
- With **Canon S200** as the selected printer, click **Properties**.
- Click the **Page Setup** tab.
- From this tab, you can change the following options:

**Page Size** Defaults to the page size set in the original document, but can be changed.

**Orientation** Lets you select either portrait or landscape orientation.

**Printer Paper Size** The page size used by the printer. This defaults to match the page size. However, a different printer paper size can be selected if a Printing Type other than normal is selected (see below).





## S200 Advanced Print Features

**Printing Type** Defaults to Normal-size Printing. Click the drop-down arrow to select a different **Printing Type**:

**Fit-to-Page Printing** This option automatically rescales the image to fit into a specified page size.

**Scaled Printing** With this option you can set the scale of the printed image down to 20% or up to 400% of the original.

**Page Layout Printing** Lets you set the number of pages to print on a single sheet. Click **Specify** to set the number of pages to a sheet of paper (1 to 16), the print order for those pages (left to right or right to left) and whether you want to print a border around each page.

**Booklet Printing** Data is printed on both sides of paper in such a manner that pages can be collated properly in the order of page numbers when the printed sheets are folded and stapled at the center.

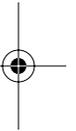
**Poster Printing** Lets you print an oversized image on multiple pages that can then be manually joined together. Click **Specify** to set the image divisions (how many tiles the image will break up into).

**Banner Printing** Used for printing banners on special banner paper.

**Duplex Printing** The document can be printed on both sides of the paper. When printing is complete, reload paper properly, according to the displayed message, and then click **OK**. The document will be printed on the opposite side.

5. When done, click **OK**.

For more feature descriptions, see the *S200 User's Guide* on the Setup Software & User's Guide CD-ROM or access the online help.

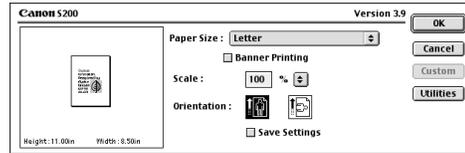


## Advanced Print Features



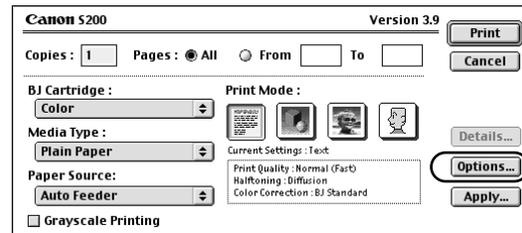
### To change page setup in Mac OS:

1. Make sure that **S200** is the selected printer (from the **Apple** menu, select **Chooser**, then **S200**).
2. From an application **File** menu, click **Page Setup**. The Page Setup dialog box will open.
3. From this dialog box, you can change the following:
  - Select a paper size from the **Paper Size** drop-down list. (If printing a banner, click to check the **Banner Printing** check box, then follow the on-screen instructions.)
  - Set a **Scale** percentage value between 50% and 200% to print the image in a size different from the original document.
  - Click an **Orientation** icon to change the page orientation.
4. To save these settings for the next print job, click the **Save Settings** check box.
5. When done, click **Print**.



### To change page layout and print order in Mac OS:

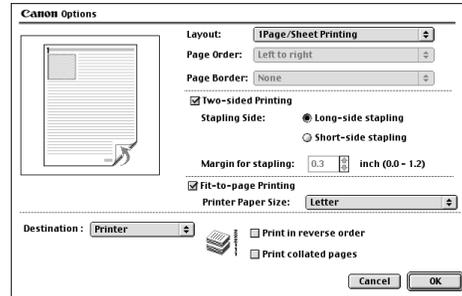
1. Make sure that **S200** is the selected printer (from the **Apple** menu, select **Chooser**, then **S200**).
2. From an application **File** menu, click **Print**. The Print window will appear.
3. Click **Options**. The Options dialog box will open.



## S200 Advanced Print Features

4. From the Options dialog box, you can enter or change the following:

- To print in reverse order, check the **Print in reverse order** box.
- If you are printing more than one copy, check the **Print collated pages** box to collate each copy instead of printing all of page 1, then all of page 2, etc.
- Under **Layout**, click the drop-down arrow to change the number of pages to print on a sheet (1 Page up to 16 Pages).
- If the page layout is other than 1 Page, you can select a different **Page Order** specific to the selected page layout.
- If the page layout is other than 1 Page/Sheet Printing, you can also select whether to print a **Border** around each page.



5. When done, click **OK**, then **Print**.



**Note**

For more information on printer driver features, see the *S200 User's Guide* on the Setup Software & User's Guide CD-ROM, or use the Mac Bubble Help.

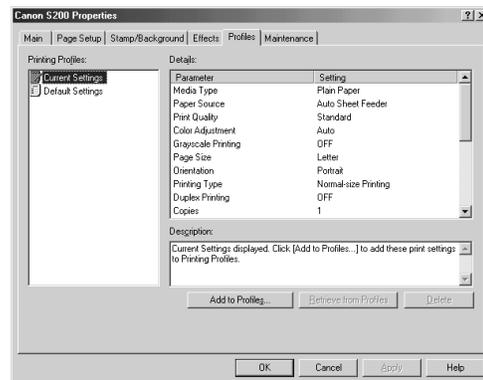
## Saving and Recalling Driver Settings

When you change printer driver settings for a specific print job, such as printing black & white photos, or printing documents with a special background, you can save and name these settings for future use on other similar print jobs.



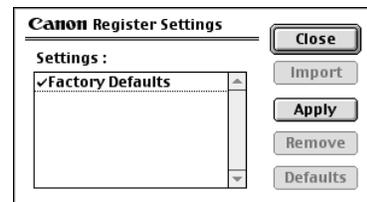
### To save driver settings in Windows:

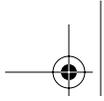
1. From an application **File** menu, select **Print**.
2. With **Canon S200** as the selected printer, click **Properties**.
3. Make the desired printer driver setting changes.
4. Without exiting the Properties window, select the **Profiles** tab.
5. Click **Add to Profiles**, then type a name for your settings in the **Name** field. You can also select an icon for this profile.
6. Type a description of your settings.
7. Click **Save**.



### To save driver settings in Mac OS:

1. From an application **File** menu, select **Print**. The Print window will appear.
2. Make the desired printer driver setting changes.
3. From the Print dialog box, click **Apply**. The Register Settings dialog will open.
4. Click **Apply** again, then type a name for the settings.





# S200 Advanced Print Features



5. Click **OK**. The Register Settings window will reappear.



**Note**

To save the new settings as your default settings for the Manual icon, click the name in the **Settings** list, then click **Default**.

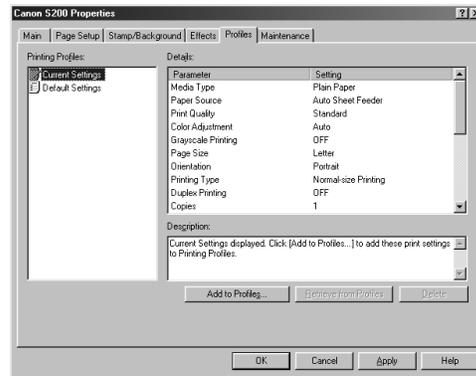
See the *S200 User's Guide* on the Setup Software & User's Guide CD-ROM for instructions on removing manual settings and restoring default settings.

6. When done, click **Close**.



### To retrieve a saved setting profile in Windows:

1. From an application **File** menu, select **Print**.
2. With **Canon S200** as the selected printer, click **Properties**.
3. Select the **Profiles** tab.
4. Highlight the saved setting profile you want to use.
5. Click **Retrieve from Profiles**, then click **OK** to confirm the profile change. The profile settings will become active.
6. Click **OK** again to close the window.



### To recall driver settings in Mac OS:

1. From an application **File** menu, select **Print**.
2. Click **Apply**, then select the name of your saved settings.
3. Click **Defaults**, then **OK**.
4. Click **Import**, then **Close**.



S200

# Chapter 3: Printing Maintenance

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## Monitoring Ink Levels

The print driver allows you to monitor the level of ink in each ink tank, with a low ink warning that notifies you when ink runs low during printing.

For this feature to accurately report ink levels, you must enable the low ink warning and reset the ink counter when a new ink tank is installed.

**Note**

Do not reset the ink tank counter for an ink tank that is already in use. To do so will give an inaccurate report of ink levels. It is best to enable the low ink warning feature either when you first set up your printer or when replacing one or both ink tanks.



### To enable low ink warning in Windows:

1. With the printer on, click **Start**, then **Settings**, then **Printers**.
2. Right-click the **Canon S200** icon, then select **Properties**.
3. Select the **Maintenance** tab, then click the **Low Ink Warning Setting** icon.
4. Click to check **Display low ink warning**, click **Send**, and click **OK**.
5. If you have just installed one or both ink tanks, reset the ink counter for the new tank(s). See “To reset the ink counter in Windows:” on page 24.



### To enable low ink warning in Mac OS:

1. With the printer on, click **Page Setup** from the **File** menu.
2. Click **Utilities** to open the Printer Utility dialog box.
3. Select **Remaining ink level setting** from the drop-down menu, then click the **Low Ink Warning** setting.

## S200 Printing Maintenance

4. Click to check **Display low ink warning**, then click **Send**.
5. If you have just installed one or both ink tanks, reset the ink counter for the new tank(s). See “To reset the ink counter in Mac OS” on page 24.

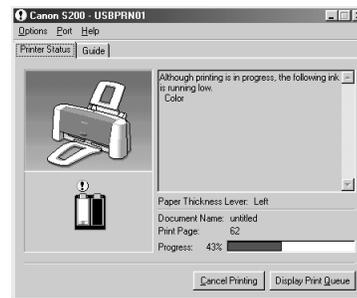


### To check ink levels in Windows:

1. With the printer on, click **Start**, then **Settings**, then **Printers**.
2. Right-click the **Canon S200** icon, then select **Properties**.
3. Select the **Maintenance** tab, then click **Start Status Monitor**. The BJ Status Monitor will appear.

The Printer Status tab displays the ink levels for each tank. The following icons may appear above the ink tanks on the BJ Status Monitor:

- ❗ **Ink low.** Replace ink tank as soon as possible.
- ✕ **Ink out.** The ink tank may have run out of ink.
- ❓ **Not synchronized.** The ink level may not be synchronized with its ink counter. For information on how to synchronize ink levels and counters, see “To reset the ink counter in Windows” on page 24.

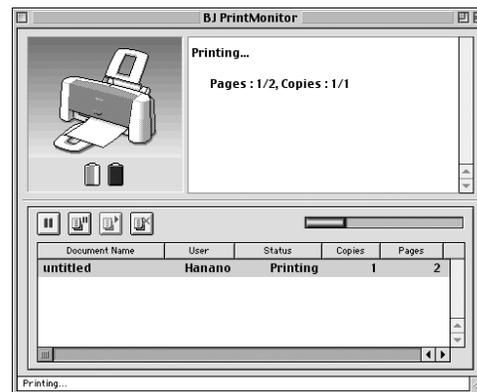


### To check ink levels in Mac OS:

If background printing is enabled and the low ink warning is turned on, the BJ Print Monitor will display ink levels while printing.

By default, **Background Printing** is **Off**.

1. Select **Chooser** from the **Apple** menu.
2. Set **Background Printing** to **On**.
3. When a job is printing, note the ink level on the BJ Print Monitor.



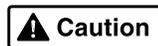
The **Ink Level** icons display the ink levels for each tank. The following symbols may appear at the upper right corner of an icon:

- ❗ **Ink low.** Replace ink tank as soon as possible.
- ✕ **Ink out.** The ink tank may have run out of ink.
- ❓ **Not synchronized.** The ink level may not be synchronized with its ink counter.  
For information on how to synchronize ink levels and counters, see “To reset the ink counter in Mac OS” on page 24.

## Replacing Ink Tanks

### To replace an empty ink tank:

1. With the printer on, open the front cover. The printhead holder will automatically move to the center.
2. Pull the tab on the front of the empty ink tank toward you to release, then remove and discard the empty tank.
3. Remove the new ink tank from its package.



To avoid spilling ink, do not touch the bottom of the tank once you have removed the protective cap.

4. Align the new ink tank with the correct slot, then gently insert it.

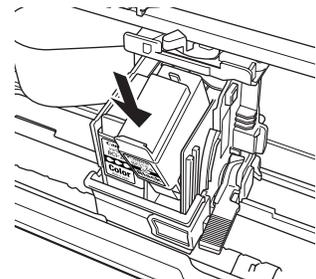
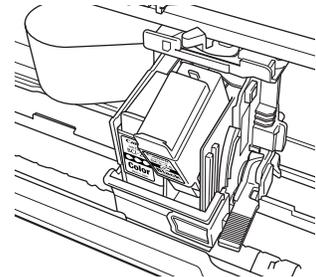


Do not force an ink tank into the printhead. If the ink tank does not go in smoothly, realign it, then try again.

5. Press down on the ink tank until it clicks into place.
6. Close the front cover.



Remember to reset the ink counter after replacing an ink tank.



# S200 Printing Maintenance



## To reset the ink counter in Windows:



**Note**

Ensure that the Low Ink Warning has been enabled. See “To enable low ink warning in Windows,” on page 21.

1. With the printer on, click **Start**, then **Settings**, then **Printers**.
2. Right-click the **Canon S200** icon, then select **Properties**.
3. Select the **Maintenance** tab, then click the **Ink Counter Reset** icon.
4. Select the newly installed ink tank, then click **Execute**.



**Note**

If you are setting up your printer for the first time, perform this step for each ink tank.



## To reset the ink counter in Mac OS:



**Note**

Ensure that the Low Ink Warning has been enabled. See “To enable low ink warning in Macintosh,” on page 21.

1. With the printer on, click **Page Setup** from the **File** menu.
2. Click **Utilities** to open the **Printer Utility** dialog box.
3. Select **Remaining ink level setting** from the drop-down menu, then click the **Ink Counter Reset** icon.
4. Select the newly installed ink tank, then click **Execute**.



**Note**

If you are setting up your printer for the first time, perform this step for each ink tank.

## Printing a Nozzle Check Pattern

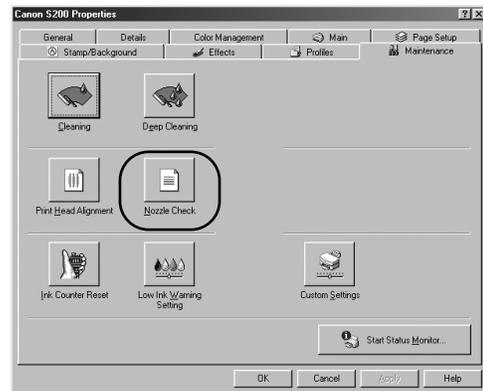
The printhead discharges ink through nozzles—tiny openings from which the ink is sprayed. Printing a nozzle check pattern can help determine if your printhead needs alignment or cleaning.

If faded or streaked colors and text appear on your output when you print, some of the nozzles may be clogged. You can check for this problem by printing a nozzle check pattern.



### To print a nozzle check pattern in Windows:

1. Make sure the printer is on and paper is loaded.
2. Click **Start**, then **Settings**, then **Printers**.
3. Right-click the **Canon S200** printer icon, then select **Properties**.
4. Click the **Maintenance** tab, then click the **Nozzle Check** button.
5. Click **OK** to start the nozzle test. The nozzle test pattern will print.
6. Examine the printout to determine the next action:
  - Lines missing in the printout indicate that the printhead requires cleaning. See “Cleaning the Printhead” on page 27.
  - Uneven patterns indicate that the printhead needs to be aligned. See “Aligning the Printhead” on page 29.

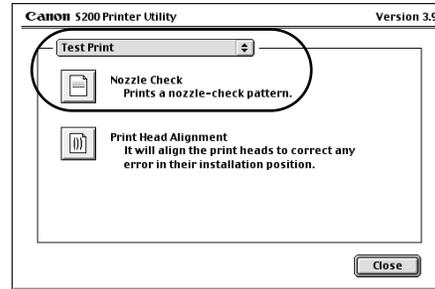


## S200 Printing Maintenance



### To print a nozzle check pattern in Mac OS:

1. Make sure the printer is on and paper is loaded.
2. In a software application, click **File**, then **Page Setup**.
3. Click **Utilities**. The Canon S200 Printer Utility window will appear.
4. Select **Test Print** from the drop-down menu.
5. Click the **Nozzle Check** button. When prompted, click **OK**. The nozzle test pattern will print.
6. When done, click **Close**.
7. Examine the printout to determine the next action:
  - Lines missing in the printout indicate that the printhead requires cleaning. See “Cleaning the Printhead” next.
  - Uneven patterns indicate that the printhead needs to be aligned. See “Aligning the Printhead” on page 29.



## Cleaning the Printhead

If your printed output appears faded, streaked or scratchy, the printhead may need to be cleaned or aligned.

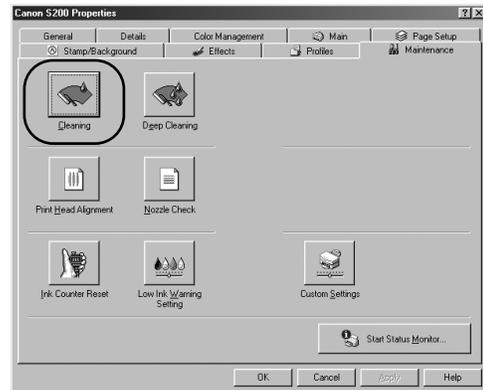
 **Note** Printhead cleaning consumes ink. Avoid unnecessary cleaning.



### To clean the printhead in Windows:

1. With the printer on, click **Start**, then **Settings**, then **Printers**.
2. Right-click the **Canon S200** printer icon, then select **Properties**.
3. Click the **Maintenance** tab, then click the **Cleaning** icon.
4. When a confirmation message is displayed, click **OK**.

 **Note** Maintenance tab appearance and procedures may vary for Windows XP, Me and 2000. Follow the instructions when prompted.



5. After the cleaning, print a nozzle check pattern to check the results. See “Printing a Nozzle Check Pattern” on page 25.
6. If there is no change in the nozzle check pattern after cleaning, perform a printhead deep cleaning by clicking the **Deep Cleaning** icon on the Maintenance tab. When finished, print a nozzle check pattern to verify that the printhead is clean.

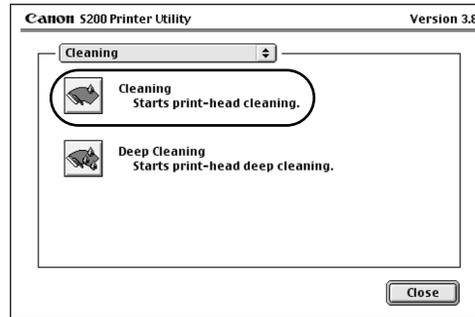
 **Note** If the printhead is not clean after deep cleaning, repeat steps 1–4 two more times. If the printhead is still not clean, contact the Customer Care Center. (See page 38.)

## S200 Printing Maintenance



### To clean the printhead in Mac OS:

1. Make sure the printer is on.
2. In a software application, click **File**, then **Page Setup**.
3. Click **Utilities**. The Canon S200 Printer Utility window will appear.
4. Select **Cleaning** from the drop-down menu, then click the **Cleaning** icon.
5. When a confirmation message is displayed, click **OK**. The printer will clean the printhead.
6. After the cleaning, print a nozzle check pattern to check the results. See "Printing a Nozzle Check Pattern" on page 25.
7. If there is no change in the nozzle check pattern after cleaning, perform a printhead deep cleaning by choosing **Cleaning** from the drop-down menu and clicking the **Deep Cleaning** icon. When finished, print a nozzle check pattern to verify that the printhead is clean.



#### Note

If the printhead is not clean after deep cleaning, repeat steps 1–5 two more times. If the printhead is still not clean, contact the Customer Care Center. (See page 38.)

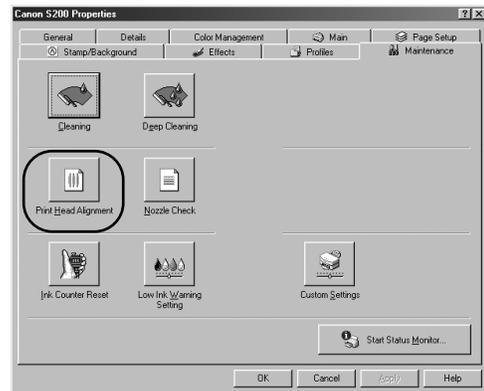
## Aligning the Printhead

Sometimes printed output can be faded or unclear because the printhead needs to be aligned.



### To align the printhead in Windows:

1. Make sure the printer is on and paper is loaded.
2. Click **Start**, then **Settings**, then **Printers**.
3. Right-click the **Canon S200** printer icon, then select **Properties**.
4. Click the **Maintenance** tab, then click the **Print Head Alignment** icon.
5. When asked to start printhead alignment, click **OK**.
6. Follow the on-screen instructions to complete printhead alignment.



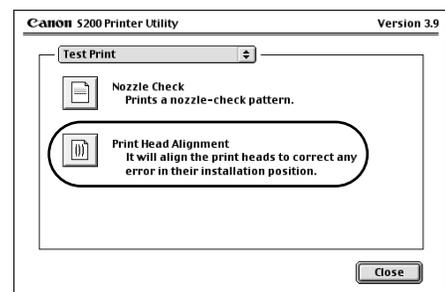
**Note** The Maintenance tab and procedures may vary for Windows XP, Me and 2000. Follow the instructions when prompted.

7. When printhead alignment is complete, click **OK** to close the window.



### To align the printhead in Mac OS:

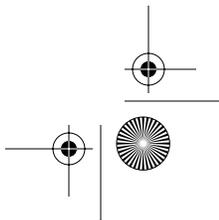
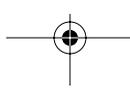
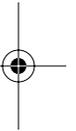
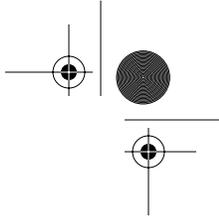
1. Make sure the printer is on and paper is loaded.
2. From the **File** menu in a software application, click **Page Setup**.
3. Click **Utilities**. The Canon S200 Printer Utility window will appear.
4. Select **Test Print** from the drop-down menu, then click the **Print Head Alignment** icon.





## S200 Printing Maintenance

5. Follow the on-screen instructions to complete printhead alignment.
6. After each printhead alignment pattern check, click **Send**.
7. When printhead alignment is complete, click **Close** to exit the Printer Utility screen.



S200

# Chapter 4: Troubleshooting

## Tips for Troubleshooting

Troubleshooting usually falls into one of the following categories:



**Installation** The printer driver will not install properly.



**Printer Hardware** The printer is not working or not working as expected.



**Printed Output** The printed output is not coming out as expected.



**Error Message** You are getting an error message from the software (displayed on the screen).



**Customer Care Center** Canon offers a full range of customer technical support options.

If you encounter difficulties during installation or operation of your Canon S200 printer, quickly scan all topics until you find a description that approximates your difficulty. Go through the related solutions until you find one that works.



### Troubleshooting Installation



PROBLEM	POSSIBLE CAUSE	TRY THIS
Cannot install the printer driver	Procedure not followed correctly	See "Installing the Printer Driver" on page 39.

# S200 Troubleshooting



PROBLEM	POSSIBLE CAUSE	TRY THIS
Cannot install the printer driver (continued)	Previous or same printer driver version already installed	Always uninstall the previous version of the printer driver before installing the new version. See “Uninstalling the Printer Driver” on page 41.
	Other applications running in the background	Other open applications on your computer can interfere with the installation routine. Close all open software applications before reinstalling the printer driver. See “Installing the Printer Driver” on page 39.
	Installation not starting automatically when CD is inserted into drive	 <b>WINDOWS</b> If printer driver installation did not start automatically when you loaded the CD-ROM: 1. Double-click <b>My Computer</b> on the Windows desktop, then double-click the <b>CD-ROM drive</b> . 2. Double-click <b>msetup.exe</b> .  If you install the printer driver by clicking <b>Start</b> , then <b>Run</b> , specify the correct CD-ROM drive and file name ( <b>x:\msetup.exe</b> , where <b>x</b> is the CD-ROM drive).
	CD-ROM drive not specified	Normally, after you insert the S200 CD-ROM, the setup window displays automatically. If it does not:   <b>WINDOWS</b> 1. Double-click <b>My Computer</b> on the Windows desktop, then double-click the <b>CD-ROM drive</b> . 2. Double-click <b>msetup.exe</b> .   <b>MAC OS</b> Double-click the <b>CD-ROM</b> icon on your desktop.
	CD-ROM drive not working properly	 <b>WINDOWS</b> Use Windows Explorer to confirm that the CD-ROM is operating normally: 1. From the Desktop, double-click <b>My Computer</b> , then <b>CD-ROM</b> . 2. If the files do not appear, refer to your Windows documentation for more information.   <b>MAC OS</b> Open the <b>Apple System Profiler</b> , click <b>Devices</b> and <b>Volumes</b> , then open the CD-ROM.

# Troubleshooting

PROBLEM	POSSIBLE CAUSE	TRY THIS
Cannot install the printer driver <i>(continued)</i>	Computer cannot detect a printer port	Verify that the USB cable is connected to both your printer and your computer, and that the connection is secure.  If this does not solve the problem, exit the installation procedure, unplug the printer, restart the computer and reinstall the software. The installer will prompt you when to plug the printer in.



## Troubleshooting Printer Hardware

PROBLEM	POSSIBLE CAUSE	TRY THIS
Paper jams in the printer	Media jammed during paper feed	<ol style="list-style-type: none"> <li>1. Gently pull the jammed paper out of the sheet feeder or the output slot, whichever is easier.  If the paper tears and some is left in the printer, unplug the power cord, open the front cover, and remove the pieces. Close the front cover and plug the power cord back in. Your print job data will be lost, and you will need to print the job again.  If you cannot reach or remove the torn paper, do not attempt to disassemble the printer yourself. Contact the Customer Care Center.</li> <li>2. Reload paper into the paper rest, then press the RESUME/CANCEL button on the printer.</li> </ol> <p>Use a standard paper size whenever possible to prevent jams.</p>
Printer is not responding	Power cord not securely connected	Verify that the power cord is securely connected to the printer and plugged into a working outlet.
	Printer is not set as default, is not plugged in, or is not ready	Verify that the Canon S200 printer is the default printer. Verify that the printer is plugged in.
	Printer/computer incorrectly connected	Ensure the printer is securely connected to the computer by reconnecting the printer cable to the computer port.
	Printer driver is not selected	Verify that the S200 is the selected printer. See "Selecting the S200 Printer for Use" on page 2.

# S200 Troubleshooting



PROBLEM	POSSIBLE CAUSE	TRY THIS
Printer is not responding <i>(continued)</i>	Computer and/or printer needs to be reset	Reboot the computer and/or reset the printer. <ul style="list-style-type: none"> <li>To reboot the computer, close all open applications, then restart.</li> <li>To reset the printer, unplug it, then plug it in again.</li> </ul>
	Faulty cable	Replace the USB cable.
Printer tried to print but no ink on paper	Ink tanks are not seated properly	Check that the ink tanks have been firmly seated in the printhead, and reseal the ink tanks if necessary. See "Replacing Ink Tanks" on page 23.
	Ink tanks may need to be replaced	One or both ink tanks may be low. See "Monitoring Ink Levels" on page 21. If necessary, replace the ink tanks. See "Replacing Ink Tanks" on page 23.
	Printhead clogged or not working properly	Verify that the printhead is working properly. See "Printing a Nozzle Check Pattern" on page 25 or "Cleaning the Printhead" on page 27. If necessary, perform multiple printhead cleanings. If print quality does not improve, try deep cleaning. Perform printhead deep cleaning from the printer driver.  If the problem persists, contact the Customer Care Center.



## Troubleshooting Printed Output



PROBLEM	POSSIBLE CAUSE	TRY THIS
Printed output is faded or colors are incorrect	Printhead is clogged or ink tank needs replacing	<ol style="list-style-type: none"> <li>Print a nozzle check pattern to determine if the printhead nozzles are clogged. See "Printing a Nozzle Check Pattern" on page 25.</li> <li>If the nozzles are clogged, you will need to clean the printhead. See "Cleaning the Printhead" on page 27.</li> <li>If print quality does not improve, try deep cleaning the printhead. Perform printhead deep cleaning from the printer driver.</li> <li>Replace one or both ink tanks. See "Replacing Ink Tanks" on page 23.</li> </ol> If the problem persists, contact the Customer Care Center.
	Incorrect Color Adjustment setting	 <b>WINDOWS</b> <ol style="list-style-type: none"> <li>On the <b>Main</b> tab of the S200 Properties window, confirm that Color Adjustment is set to <b>Auto</b>.</li> <li>If <b>Manual</b> is set, click the <b>Defaults</b> button on the Manual Color Adjustment window.</li> </ol>

PROBLEM	POSSIBLE CAUSE	TRY THIS
Printed output is faded or colors are incorrect <i>(continued)</i>	Print Mode is improperly set	 <b>MAC OS</b> In the Print dialog box, select the appropriate <b>Print Mode</b> setting.
	Incorrect media type	 <b>WINDOWS</b> On the <b>Main</b> tab of the S200 Properties window, confirm that the <b>Media Type</b> selected matches the paper loaded.
		 <b>MAC OS</b> In the <b>Print</b> dialog box, confirm that the <b>Media Type</b> selected matches the paper loaded.
Print Quality is improperly set	 <b>WINDOWS</b> On the <b>Main</b> tab of the S200 Properties window, select the appropriate Print Quality setting: <b>High, Standard, Draft</b> or <b>Custom</b> .	
Printed output is faded or unclear	Media not loaded print-side up	Check that your media is placed in the printer facing in the correct direction. See "Loading Paper and Other Media" on page 4.
	Low ink	One or both ink tanks may be low. See "Monitoring Ink Levels" on page 21.
	Ink tanks are not seated properly	Check that the ink tanks are firmly seated in the printhead, and reseal them if necessary. See "Replacing Ink Tanks" on page 23.
	Printhead needs to be aligned	Perform printhead alignment. See "Aligning the Printhead" on page 29.
Meaningless characters printed	Corrupted print instructions are stored in the printer buffer	<ol style="list-style-type: none"> <li>1. Unplug the printer to clear the printer buffer.</li> <li>2. Cancel the print job from the computer. See "Cancelling a Print Job" on page 7.</li> <li>3. Plug the printer in again.</li> </ol>
	Printer or computer not securely connected	Ensure the printer is securely connected to the computer by reconnecting the USB cable to the computer port.

# S200 Troubleshooting

PROBLEM	POSSIBLE CAUSE	TRY THIS
Meaningless characters printed <i>(continued)</i>	Previous print job paused before it was finished	If a previous print job was paused before it was printed, unplug the printer and turn the computer off. Plug the printer in and turn the computer on again.   <b>WINDOWS</b> 1. Click <b>Start</b> , then <b>Settings</b> , then <b>Printers</b> . 2. Double-click <b>Canon S200</b> and cancel any unfinished print jobs.   <b>MAC OS</b> On your keyboard, press the Apple Command key (  ) and the period key (.) at the same time. The print job will be cancelled and the paper ejected.
	Incorrect printer driver selected	Verify that the S200 is the selected printer. See “Selecting the S200 Printer for Use” on page 2.
	Bad (corrupted) file	Create the document again and print it. If it prints successfully, the original file was corrupted.

## Handling Error Messages

PROBLEM	POSSIBLE CAUSE	TRY THIS
Printer does not print	Bad printer connection	1. Unplug the power cord from the back of the printer. 2. Plug the power cord in again. 3. Reconnect the USB cable.
Error message displays in the BJ Status Monitor or BJ Status dialog box	Paper is out or not feeding correctly	If printer is out of paper, load a stack of paper in the paper rest. Ensure the paper is loaded correctly, then press the RESUME/CANCEL button on the printer.  If the paper is jammed, unplug the power cord and remove the paper. Then plug the power cord back in and press the RESUME/CANCEL button. See “Paper jams in the printer” on page 33. For tips on loading media, see “Loading Paper and Other Media” on page 4.

# Troubleshooting



PROBLEM	POSSIBLE CAUSE	TRY THIS
Error message displays in the BJ Status Monitor or BJ Status dialog box (continued)	Paper jam	See the troubleshooting topic "Paper jams in the printer" on page 33.
	No printhead	Install the printhead. If the problem persists, contact the Customer Care Center.
	Front cover open	Make sure the printhead is installed correctly and close the front cover.
Low ink warning displays in the BJ Status Monitor or the BJ Status Dialog	One or both ink tanks are low	<p>After the low ink warning displays, you can continue printing for a short time, but have a replacement ink tank ready to install.</p> <p> <b>WINDOWS</b> The ink tank icons are displayed side by side on the BJ Status Monitor. The icon on the left refers to the color ink tank, while the icon on the right refers to the black ink tank.</p> <p> <b>MAC OS</b> The ink tank icons are displayed side by side on the BJ Status Dialog. The icon on the left refers to the color ink tank, while the icon on the right refers to the black ink tank.</p> <p>The low ink warning is enabled only when Background Printing is turned on in the Chooser.</p>
Error message displays in the BJ Status Monitor or the BJ Status Dialog	Printer is out of paper	<p> <b>WINDOWS</b> The BJ Status Monitor opens and displays a message when an error occurs.</p> <p>Read the error message, then click the <b>Guide</b> tab to display more information about solving the problem.</p> <p> <b>MAC OS</b> Background Printing must be turned on in the Chooser for the BJ Status Dialog to display errors.</p> <p>Follow the instructions in the message to resolve the problem.</p>
	Ink is low Paper jam Printhead installed incorrectly Front cover open	

# S200 Troubleshooting



PROBLEM	POSSIBLE CAUSE	TRY THIS
System error message displays	System error occurred	<p>If a system error occurs, printing stops.</p> <p> <b>WINDOWS</b>                      A window displays the error message. System errors may include problems writing to USBPRN, application errors, or general protection faults. Make sure that the printer is turned on, the printer and computer are connected securely, and that the printer port is operating correctly.</p> <p> <b>MAC OS</b>                      The error message contains an error code *XXX, where * is a letter and XXX is a number, which represents the cause of the error. Make sure that the printer is turned on, the printer and computer are connected securely, and that the printer port is operating correctly.</p>

## Customer Care Center

Canon offers a full range of customer technical support\* options:

- For e-mail support, the latest driver downloads and answers to frequently asked questions ([www.canontechsupport.com](http://www.canontechsupport.com))
- 24-hour, 7-day-a-week automated support for troubleshooting issues on most current products (**1-800-423-2366**)
- 24-hour, Fax-On-Demand System for product specifications and technical information (**1-800-526-4345**)
- Free technical support Monday–Saturday (excluding holidays) for products still under warranty\*\* (**1-757-413-2848**)
- Technical support 7 days a week (excluding holidays) for products no longer under warranty, at \$9.99 per incident (**1-757-413-2848**)



**Note**

Within Canada, call for technical support 24 hours a day, 7 days a week (**1-800-OK-CANON**).

\* Support program specifics are subject to change without notice.

\*\* Refer to the product information starting on page 47 for warranty details.

# S200 Appendix

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## Installing the Printer Driver

If you are re-installing the printer driver, first follow the uninstall procedures on page 41 to remove the existing printer driver before you re-install.

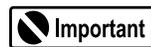


### To install the printer driver in Windows:



When installing the printer driver in Windows XP/Windows 2000, log on to the system as a member of the **Administrators** group.

1. Unplug the printer.
2. Make sure the USB cable between the printer and computer is securely connected.
3. Turn the computer on, and close any open software applications. Insert the S200 Setup Software & User's Guide CD-ROM in the CD-ROM drive. The setup program should run automatically.



If the printer was on when the setup program started, the Add New Hardware Wizard will appear. Do NOT use the wizard—click **Cancel** to close the window and continue.



If the setup program does not run automatically, click **Start**, then **Run**, then type **x:\msetup.exe** (where **x** is the CD-ROM drive).

4. Read the License Agreement, then click **Yes**, if you agree.



If a message prompts you to restart Windows, remove the CD-ROM, then click **OK**. After the computer restarts, re-insert the CD-ROM and continue.

5. When the main menu appears, ensure that the printer driver is selected and click **Install**. The printer driver will start loading automatically.

## S200 Appendix

6. When prompted, **PLUG THE PRINTER IN** so the printer port can be automatically detected. The software will begin identifying the printer port being used.



If your computer cannot detect a printer port, see “Computer cannot detect a printer port” on page 33.

7. When the Installation Complete window appears, click **OK**. If you are prompted to restart the computer, click **Yes**. When the installation process has completed, click **Exit**.
8. Print the nozzle check pattern. (See “Printing a Nozzle Check Pattern” on page 25.)



### To install the printer driver in Mac OS:

1. Make sure the printer is plugged in and turn on your Macintosh.
2. Insert the S200 Setup Software & User’s Guide CD-ROM in the CD-ROM drive.
3. Open the Printer Driver folder on the CD-ROM, then double-click the **Installer** icon.
4. Read the License Agreement, then click **Accept**, if you agree.
5. Click **Install**. The printer driver will load automatically.



If the message “No other applications can be running...” displays, click **Continue**.

6. When the installation process is complete, click **Restart**.
7. After the computer restarts, select the **Apple** menu, then **Chooser**.
8. Click the **S200** icon in the Chooser.



To use the BJ Print Monitor and to enable monitoring of ink levels, click the **Background Printing** button to the **On** position.

9. Close the Chooser.
10. Print the nozzle check pattern. (See “Printing a Nozzle Check Pattern” on page 25.)

## Uninstalling the Printer Driver



### To uninstall the printer driver in Windows:

1. Click **Start, Programs**, then **Canon S200**.
2. Click **Uninstall**.
3. Click **Yes** to confirm that you want to uninstall the printer driver.
4. Restart your computer.



### To uninstall the printer driver in Mac OS:

1. Insert the S200 Setup Software & User's Guide CD-ROM in the CD-ROM drive, then open the **Printer Driver** folder on the CD-ROM.
2. Double-click **Installer**.
3. Read the License Agreement, then click **Accept**, if you agree.
4. Select **Uninstall** from the drop-down list at the top left of the dialog box, then click the **Uninstall** button on the bottom right.
5. Follow the on-screen instructions.
6. Click **Restart** when prompted to restart your computer.

## Registering Your Canon Product

If you didn't register your product during installation, visit [www.registercanon.com](http://www.registercanon.com) and follow the on-screen instructions.

# S200

## Appendix

### Safety Information

#### Warnings and Cautions

This guide uses the following icons to indicate situations that could cause damage or injury:



**Warning**

Always follow the instructions provided in Warnings to prevent potential or serious personal injury or death as a result of careless operation of the equipment.



**Caution**

Always follow the instructions provided in Cautions to prevent minor injuries to yourself or damage to the equipment as a result of careless operation of the equipment.

Read and follow all of these cautions and warnings to ensure the safe use of the printer. To avoid the hazards of fire, personal injury, or damage to the printer, never attempt to use the printer in any way other than the methods described in this guide.

#### Choosing a Location



**Warning**

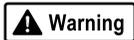
Never place the printer near flammable solvents such as alcohol, thinner, etc. To avoid the hazards of fire or electric shock, keep all flammable liquids away from the printer.

- Never set the printer on a surface that is unstable or subject to excessive vibration. The printer could tip or fall and cause injury.
- Never use the printer in a location that is subject to high humidity, dust, high temperatures, or direct sunlight.
- Set up and use the printer in a location where ambient temperature is within 41°F–95°F (5°C–35°C) and 10%–90% humidity with no condensation.



**Warning**

Never place the printer on a thick carpet or rug. Fibers or dust entering the printer could cause a fire.



**Warning**

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

- Always carry the printer with both hands holding both ends of the printer. To avoid dropping the printer and causing injury, always carry it carefully when moving it to another location.

#### Power Supply



**Warning**

Never attempt to plug the power cord into a power outlet when your hands are wet. To avoid electric shock, make sure that your hands are dry.

- Always push the plug completely into the power outlet. A loose or poorly connected plug could cause a fire or electric shock.



**Warning**

Never cut, modify, stretch, bend, or twist the power cord, and never place heavy objects on the power cord. A power leak from a damaged power cord could cause a fire or electric shock.



**Warning**

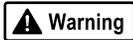
Never plug the printer power cord into a power outlet (power board, double adapter, etc.) that is shared by other devices or office equipment. To prevent the hazards of fire or electric shock, avoid overloading power points.

- Never use the printer if the power cord is bundled or knotted. To prevent the hazards of fire or electric shock, make sure the power cord is straight.

**Warning**

If you detect smoke, unusual odors, or strange noises around the printer, immediately unplug the printer. To avoid fire or electric shock, never use the printer under these conditions. Call the Customer Care Center.

- Always grasp the plug when you unplug the power cord. Pulling on the power cord could damage the cord and cause a fire or electric shock.

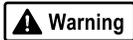
**Warning**

Never use an extension cord. To avoid a fire or electric shock, always plug the power cord directly into the power outlet.

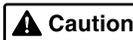
**Caution**

Never use a power supply voltage other than that supplied in the country where you purchased the printer. Using incorrect voltage could cause a fire or electric shock. The correct power supply voltage for this printer is AC 120V, 60 Hz.

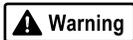
## Cleaning and Maintaining the Printer

**Warning**

Use only a slightly damp cloth to clean the printer. Never use flammable solvents like alcohol, benzene, thinner, etc. If a flammable solvent contacts an electrical component inside the printer, a fire or electric shock could result.

**Caution**

Always unplug the printer power cord before you clean the printer. If you mistakenly turn on the printer while cleaning it, you could touch moving components inside the printer and suffer injury.

**Warning**

Never attempt to disassemble or modify the printer. The printer contains high voltage components which could cause a fire or serious electric shock.

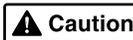
## Working Around the Printer

**Caution**

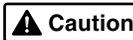
Never use flammable sprays near the printer. Gases in the spray could cause a fire or electric shock if they come in contact with electrical components inside the printer.

**Caution**

Never insert your fingers or hands inside the printer while it is printing. The printer contains moving parts which could cause injury.

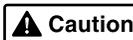
**Caution**

Never place anything on top of the printer, especially metal objects (paper clips, staples, etc.), or containers with flammable solvents (alcohol, thinners, etc.). Objects falling into the printer could cause a fire or electric shock.

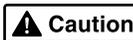
**Caution**

If any foreign object, especially a piece of metal or liquid, falls into the printer, immediately unplug the printer, then call the Customer Care Center. Continuing to use the printer after a foreign object has fallen into it could cause a fire or electric shock.

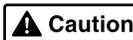
## Printhead and Ink Tanks

**Caution**

For safety, always store printhead and ink tanks out of the reach of small children. If a child accidentally licks or ingests any ink, consult a physician immediately.

**Caution**

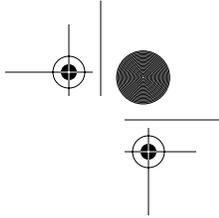
Never subject a printhead or ink tank to shocks or excessive vibration. Shaking could cause ink to leak and stain clothing.

**Caution**

Never touch the printhead or electrical contacts on a printhead immediately after removing it from the printer. These metal parts become very hot during printing and could cause minor burns.

## Using the Printer Near Appliances and Fluorescent Lamps

- Allow at least 6 inches clearance between the printer and another appliance or a fluorescent lamp. Electrical noise generated by a fluorescent lamp placed too close to the printer could cause the printer to malfunction.



# S200 Appendix

## Regulatory Information

### Color Printer Model: K10208 (S200)

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 a shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC Rules.

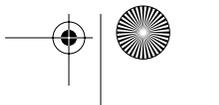
Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Canon U.S.A., Inc.  
Digital Home and Personal Systems Division  
2995 Red Hill Avenue  
Costa Mesa, CA 92626

### Canadian Radio Interference Regulations

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

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



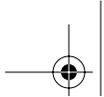
## Product Specifications

### System Requirements

<b>Windows XP Professional/ Home Edition:</b>	Pentium® 300MHz or faster, 128 MB RAM; 25 MB hard disk space
<b>Windows 98:</b>	486 processor or faster; 16 MB RAM; 15 MB free hard disk space
<b>Windows Me:</b>	Pentium processor, 150MHz or faster; 32 MB RAM; 15 MB free hard disk space
<b>Windows 2000:</b>	Pentium processor, 133MHz or faster; 32 MB RAM for Professional, 64 MB RAM for Server; 25 MB free hard disk space
<b>Macintosh:</b>	OS 8.6-9.x; USB port; 12 MB RAM; 30 MB free hard disk space

 **Note** The BJ Status Monitor cannot be used when the printer is used in a network operating environment.

<b>Printing method:</b>	Bubble Jet on-demand
<b>Printing resolution:</b>	Print Quality (media)                      Horizontal x Vertical High (specialty media)                      2880 x 720 dpi*
<b>Print speed:</b>	(All print speeds are based on draft mode. Print speeds will vary depending on system configuration, software, document complexity, print mode and page coverage.): Black printing, draft: 5 ppm Color printing, draft: 3 ppm
<b>Print direction:</b>	Bi-directional
<b>Print width:</b>	8.0 inches max. (203 mm)
<b>Interface (USB):</b>	USB**
<b>Interface connector (USB):</b>	USB standard Series B receptacle
<b>Recommended printer cable (USB):</b>	
<b>Material:</b>	AWG28 (data wiring pair) or AWG20 to 28 (distribution pair)
<b>Type:</b>	Twisted-pair shielded cable
<b>Length:</b>	Up to 16.4 feet (5.0 m)
<b>Connectors:</b>	USB standard Series B pluggable
<b>Acoustic noise level:</b>	Approx. 43 dB in the best print quality mode (per ISO 9296)
<b>Operating environment:</b>	Temperature: 41°F to 95°F (5°C to 35°C) Humidity: 10% to 90% RH (no condensation)
<b>Storage environment:</b>	Temperature: 32°F to 95°F (0°C to 35°C) Humidity: 5% to 90% RH (no condensation)
<b>Power supply:</b>	AC 120 V, 60 Hz
<b>Power consumption:</b>	Standby: Approx. 2 W Printing: 18 W
<b>Dimensions:</b>	(with paper rest and paper output tray retracted) 15.35" (W) x 7.44" (D) x 6.38" (H)
<b>Weight:</b>	Approx. 5.28 lb. (2.4 kg)
<b>Feed method:</b>	Continuous feed through auto sheet feeder for High Resolution Paper, plain paper, envelopes, Transparencies, Glossy Photo Paper, High Gloss Photo Film, Photo Paper Pro, Glossy Photo Cards, Banner Paper, T-Shirt Transfers



# S200 Appendix



<b>Sheet feeder capacity:</b>	
<b>Plain paper (17 lb.)</b>	50 sheets max.
<b>High Resolution Paper</b>	40 sheets max.
<b>Envelopes</b>	5 envelopes max.
<b>Transparencies</b>	20 sheets max.
<b>Glossy Photo Paper</b>	1 sheet
<b>High Gloss Photo Film</b>	1 sheet
<b>Glossy Photo Cards</b>	1 sheet
<b>Banner Paper</b>	1 sheet (can print up to 6 connected sheets)
<b>Photo Paper Pro</b>	1 sheet
<b>Photo Paper Pro 4 x 6</b>	1 sheet
<b>T-Shirt Transfers</b>	1 sheet
<b>Ordinary print media:</b>	Weight: 17–28 lb. Regular size: Letter, Legal, and standard #10 envelopes Custom size: 3.94" to 9.5" (W) x 3.94" to 23.0" (H)
<b>Graphic image printing:</b>	Data format: Canon extended mode; raster image format Resolution: Canon extended mode; 360, 720, 2880 dpi
<b>Printhead:</b>	Black nozzles: 64 (360 dpi) Color nozzles: 24 for each color (360 dpi)
<b>Ink Tanks:</b>	Black (BCI-24 Black) Color (BCI-24 Color)
<b>Black ink tank capacity:</b>	Approx. 340 sheets <sup>1</sup> , approx. 520 sheets <sup>2</sup>
<b>Color ink tank capacity:</b>	Approx. 130 sheets <sup>2</sup>
<b>Resident print control mode:</b>	Canon extended mode
<b>Receiver buffer:</b>	64 KB

- \* Ink droplets can be placed with a pitch of 1/2880 inch at minimum on Canon specialty paper.
- \*\* USB operation can only be guaranteed on a PC with pre-installed Windows 98, Windows XP, Windows Me, Windows 2000. (This includes Windows XP, Windows Me and Windows 2000 upgraded from pre-installed Windows 98.) This product supports the majority of USB equipped PCs however, due to differences in USB implementation (on some PCs) full compatibility can not be guaranteed.
- <sup>1</sup> 1500 characters per page, normal text, at standard and plain paper mode with Windows 98/Windows Me.
- <sup>2</sup> Based on printing the ISO JIS-SCID No. 5 pattern at standard and plain paper mode with Windows 98/Windows Me.



## Limited Warranty—U.S. Only

The limited warranty set forth below is given by Canon U.S.A. Inc. ("Canon") with respect to the Canon brand computer peripheral product (the "product") that you have purchased, when purchased and used in the United States. The product that you have purchased is the only product to which this warranty card and the limited warranty provided by Canon and stated on the card apply.

Your product, when delivered to you in new condition in its original container, is warranted against defects in materials or workmanship as follows: for a period of one (1) year from the date of original purchase, defective parts or a defective product returned to a Canon repair facility or a Canon Authorized Service Facility ("ASF") for such product, as applicable, and proven to be defective upon inspection, will be exchanged for new or comparable rebuilt parts, or a refurbished product, as determined by the Canon repair facility or the ASF. Warranty repair or replacement shall not extend the original warranty period of the defective product. This limited warranty does not cover any supplies or accessories, including without limitation, ink tanks, as to which there shall be no warranty or replacement.

This limited warranty shall only apply if the product is used in conjunction with compatible computer equipment and compatible software, as to which items Canon shall have no responsibility.

Non-Canon brand equipment and software that may be distributed with the product are sold "as is," without warranty of any kind by Canon, including any implied warranty regarding merchantability or fitness for a particular purpose, and all such warranties are disclaimed. The sole warranty, if any, with respect to such non-Canon brand items is given by the manufacturer or producer thereof.

This limited warranty covers all defects encountered in normal use of the product, and does not apply in the following cases:

- (a) Loss of or damage to the product due to abuse, mishandling, improper packaging by you, alteration, accident, electrical current fluctuations, failure to follow operating, maintenance or environmental instructions prescribed in Canon's instruction manual, or service performed by other than a Canon repair facility or an ASF.
- (b) Use of parts or supplies (other than those sold by Canon) that cause damage to the product or cause abnormally frequent service calls or service problems.
- (c) If the product has had its serial number or dating altered or removed.

NO IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, APPLIES TO THE PRODUCT AFTER THE APPLICABLE PERIOD OF THE EXPRESS LIMITED WARRANTY STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY, EXCEPT AS MENTIONED ABOVE, GIVEN BY ANY PERSON OR ENTITY WITH RESPECT TO THE PRODUCT SHALL BIND CANON. (SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.) CANON SHALL NOT BE LIABLE FOR LOSS OF REVENUES OR PROFITS, INCONVENIENCE, EXPENSE FOR SUBSTITUTE EQUIPMENT OR SERVICE, STORAGE CHARGES, LOSS OR CORRUPTION OF DATA, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE OR MISUSE OF, OR INABILITY TO USE THE PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF CANON HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL RECOVERY OF ANY KIND AGAINST CANON BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT SOLD BY CANON WHICH CAUSED THE ALLEGED DAMAGE.

WITHOUT LIMITING THE FOREGOING, YOU ASSUME ALL RISK AND LIABILITY FOR LOSS, DAMAGE OR INJURY TO YOU AND YOUR PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF USE OR MISUSE OF, OR INABILITY TO USE THE PRODUCT NOT CAUSED DIRECTLY BY THE NEGLIGENCE OF CANON. (SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU.) THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THE PRODUCT, OR THE PERSON FOR WHOM IT WAS PURCHASED AS A GIFT, AND STATES YOUR EXCLUSIVE REMEDY.

Canon offers a full range of customer technical support\* options:

For e-mail technical support, the latest driver downloads and answers to frequently asked questions ([www.canontechsupport.com](http://www.canontechsupport.com))

24-hour, 7-day-a-week, automated support for troubleshooting issues on most current products  
(1-800-423-2366)

24-hour, Fax-On-Demand System for product specifications and technical information  
(1-800-526-4345)

Free technical support Monday—Saturday (excluding holidays) for products still under warranty  
(1-757-413-2848)

Technical support 7 days a week (excluding holidays) for products no longer under warranty, at \$9.99 per incident  
(1-757-413-2848)

## S200 Appendix

If the problem can't be corrected by using one of the above technical support options, you will be asked to follow the applicable procedures for warranty service. **Note that a dated proof of purchase (bill of sale) is required to verify eligibility at the time of service. This requirement will be satisfied by providing a copy of your dated bill of sale. You will also need to supply the product serial number.**

### InstantExchange†

InstantExchange is a warranty program that expedites, usually by the next business day,†† the exchange of a defective product with a refurbished product. The refurbished product you receive will be covered by the balance of the period remaining on your original limited warranty. **Note that by using this service you will keep the replacement product that is sent to you, and your originally purchased product shall become the property of Canon.** InstantExchange warranty program service is available only during the express limited-warranty period for your product and only in the continental United States, Alaska and Hawaii during such period.

If the Canon Customer Care Center representative cannot correct the problem with your product over the telephone, and you elect InstantExchange warranty program service, the representative will issue you a reference number upon verification of warranty eligibility. You will be asked for information pertaining to your defective product and for a ship-to location for the replacement product (street address only). You must also provide a major credit card number that will be pre-authorized by Canon in an amount up to the cost of a new product at the time you elect InstantExchange warranty program service. **Your credit card number will be charged in an amount up to the cost of a new product** (i) if you do not return your defective product to a Canon repair facility by the date specified by Canon and in the manner described below; (ii) if the defect(s) in the product is/are not covered by this limited warranty; or (iii) if the warranty period on the product has expired or has not been sufficiently established by your supplying the appropriate documentation.

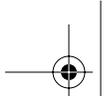
The Canon repair facility will ship out the replacement product via overnight courier, prepaid by Canon. After receipt of the replacement product (with instructions and a pre-paid return waybill), follow the instructions to ship the defective product to a Canon repair facility. You must return the defective product in the shipping carton in which the replacement product was packed (be sure to retain your printhead and ink tanks), and you must include the reference number, **a copy of your dated proof of purchase** (bill of sale) and a complete explanation of the problem. **Do not include any other items in the return shipping container.**

This limited warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

\* Support program specifics are subject to change without notice.

† InstantExchange warranty program service is subject to availability of refurbished replacement units.

†† 9 a.m.–5 p.m. (local), Monday–Friday (excluding holidays). The Canon Customer Care Center must receive pertinent information by 3 p.m. (E.S.T.) to ensure next-business-day InstantExchange warranty program service (two-business-day InstantExchange warranty service for Alaska and Hawaii). Canon does not guarantee next-business-day service in the event of factors beyond Canon's reasonable control.



# S200 Index

## A

- adjusting
  - brightness..... 13
  - color balance..... 13
  - color saturation..... 13
  - paper thickness lever.....4
- advanced print features .....9
- aligning the printhead ..... 29
- auto feed paper limits.....4
- auto sheet feeder.....5
- avoiding paper jams.....5

## B

- brightness, adjusting..... 13

## C

- cancelling print jobs, how to.....7
- checking ink levels..... 21
- cleaning the printhead..... 27
- color balance, adjusting..... 13
- color saturation, adjusting..... 13
- customer care center, contacting..... 38

## D

- default printer, setting.....2
- driver
  - definition of.....2
  - installing ..... 39
  - recalling saved settings..... 19
  - removing ..... 41
  - saving settings for future use ..... 19
  - troubleshooting installation of ..... 31
  - uninstalling..... 41

## E

- edges, smoothing .....6
- envelopes, how to load .....6
- error messages, explanation of..... 36

## F

- fixing problems, how to..... 31

## G

- graphics, improving quality .....9, 13
- grayscale..... 13

## I

- Image Color Management (ICM)..... 13
- Image Optimizer ..... 12
- improving enlarged graphics ..... 12
- improving print quality.....9
- ink tanks
  - monitoring levels in ..... 21
  - replacing ..... 23
- installing the printer driver ..... 39

## L

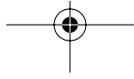
- loading envelopes.....6
- loading paper and other media.....5

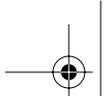
## M

- manually adjusting color settings ..... 13
- media
  - loading.....5
  - to avoid .....4
  - types of .....4
- monitoring ink levels ..... 21

## N

- nozzle check pattern, printing..... 25





# S200 Index



## O

online product registration..... 41

## P

page setup ..... 15

paper

    how many sheets can be used in auto feeder..... 4

    loading ..... 5

paper jams, avoiding..... 5

paper thickness lever..... 4

paper types to avoid ..... 4

Photo Optimizer PRO..... 14

powering up the printer ..... 1

print job, cancelling ..... 7

print quality

    adjusting..... 9

    controlling..... 9

printer

    choosing ..... 2

    setting as default..... 2

printer driver, definition of..... 2

printhead alignment ..... 29

printhead cleaning..... 27

printing

    adjusting brightness ..... 13

    adjusting color balance..... 13

    adjusting color saturation ..... 13

    nozzle check pattern ..... 25

    smoothing rough edges ..... 12

    troubleshooting bad printouts ..... 34

    troubleshooting problems with ..... 33

printing color images in grayscale..... 12

problems, what to do to fix..... 31

product registration ..... 41

## Q

quality of printing..... 4

## R

registering your product ..... 41

replacing empty ink tanks..... 23

## S

safety information ..... 42

scaled printing..... 16

smoothing rough edges in images..... 12

stopping a print job, how to ..... 7

system requirements ..... 45

## T

tech support, how to contact ..... 38

thick paper, lever position for..... 4

troubleshooting ..... 31

    error messages..... 36

    installation ..... 31

    installing the printer driver..... 31

    printer hardware..... 33

    software installation problems..... 31

turning your printer on and off..... 1

## U

uninstalling the printer driver ..... 41

## W

warranty ..... 47

