Canon Bubble Jet Printer Driver

Help on Help

Canon Bubble Jet on LPT1

Canon

Paper Source: Auto Sheet Feeder

Paper Size: A4 210 x 297 mm

Print Media: Plain Paper

Mode:

Business | Images | Draft | Manual

Copies: 1

Portrait

Color

OK | Help

Cancel | Color Adjustment

About... | Papers...

Canon Bubble Jet Printer Driver for Microsoft Windows.

How to use the Canon Bubble Jet Printer Driver help system?

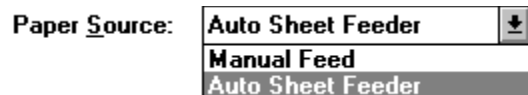Use the scroll bars to view information not currently visible in the help window.

There are two ways to get help on this printer driver:

1. **Using the mouse:**
   Move the mouse cursor over the images in the help file. When the cursor changes from an arrow to a small pointing hand, press the left mouse button and a popup window will appear with information on the selected item.

2. **Using the keyboard:**
   Use the TAB key to select an item in the image displayed in the help file. Selected items will appear highlighted. When you have selected the item, press ENTER and help information will be given.

Paper Source: | Auto Sheet Feeder ▾ |
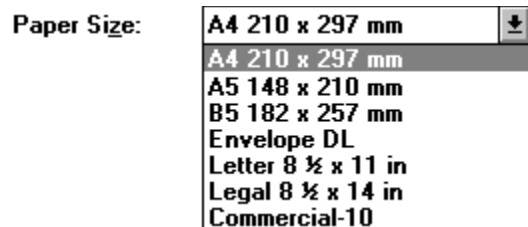| Manual Feed |
| **Auto Sheet Feeder** |

In this [Combobox](#) you can select one of the available paper sources.

The Paper Source setting defines how paper (or other media, such as transparencies) will be fed to the Canon Bubble Jet printer.

There are two possible paper source settings:

- **Auto Sheet Feeder:**
  Use Auto Sheet Feeder for plain paper, envelopes, transparencies and other media than textile sheet. The default setting for the Paper Source is Automatic Sheet Feeder, which means that the paper will be fed into the printer from the sheet feeder mechanism of the Canon Bubble Jet printer.

- **Manual Feed:**
  Use Manual Feed for textile sheet. The Manual Feed setting means that the media will be fed into the printer, by hand, one sheet at a time. The Print Manager icon or caption bar will blink and prompt you to insert a sheet of paper. The printer beeps and lights the error lamp, when no paper is inserted. Press the ON LINE button on the printer when you have resolved this error by feeding a sheet of paper.

← **Main Dialog**

Paper Size: A4 210 x 297 mm

- A4 210 x 297 mm
- A5 148 x 210 mm
- B5 182 x 257 mm
- Envelope DL
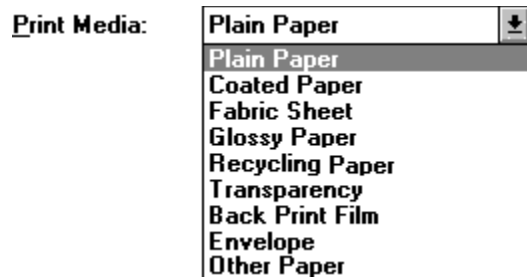- Letter 8 ½ x 11 in
- Legal 8 ½ x 14 in
- Commercial-10

In this Combobox you can specify the size of the paper you have inserted in your printer. If the Combobox does not contain the paper size you want to use, you can define your own using the 'Papers...' Button.

The following paper sizes can be used with the Canon Bubble Jet printer:

- **A4 210 x 297 mm:**
  This paper size corresponds to the standard A4 210 mm x 297 mm (8.27 inch x 11.69 inch) paper size used in Europe and Asia. This is the default paper size.

- **A5 148 x 210 mm:**
  This paper size corresponds to the standard A5 148 mm x 210 mm (5.83 inch x 8.27 inch) paper size used in Europe and Asia.

- **A3 297 x 420 mm: (available on BJC 800 only)**
  This paper size corresponds to the standard A5 148 mm x 210 mm (5.83 inch x 8.27 inch) paper size used in Europe and Asia.

- **B4 257 x 364 mm:**
  This paper size corresponds to the standard B4 257 mm x 364 mm (11 x 17 inch) paper size used in Europe and Asia.

- **B5 182 mm x 257 mm:**
  This paper size corresponds to the standard B5 182 mm x 257 mm (7.17 inch x 10.12 inch) paper size used in Europe and Asia.

- **Envelope DL:**
  This paper size corresponds to the standard European envelope size, which is 220 mm x 110 mm.
-

- **Ledger 11 x 17 in:**
  This paper size corresponds to the standard 11 x 17 inch (279,4 mm x 431,8mm) paper size used in the United States.

- **Letter 8 ½ x 11 in:**
  This paper size corresponds to the standard 8 ½ x 11 inch (216 mm x 279 mm) paper size used in the United States.

- **Legal 8 ½ x 14 in:**
  This paper size corresponds to the standard 8 ½ x 14 inch (216 mm x 356 mm) paper size used in the United States.

- **Commercial-10:**
  This paper size corresponds to the standard business size (#10) letter envelope.   This size (9.5 inch x 4.1 inch) is common in the United States.

← **Main Dialog**

Print Media: Plain Paper

Plain Paper
Coated Paper
Fabric Sheet
Glossy Paper
Recycling Paper
Transparency
Back Print Film
Envelope
Other Paper

The Print Media Combobox is used to define the type of print media (such as plain paper, or Transparency film) that is loaded in the Canon Bubble Jet printer. This setting is important for controlling the quality of the final printed image. Specifying the correct Print Media setting is essential for producing high-quality printed images.

Eight settings are available in the Print Media Combobox:

- **Plain Paper:**
  This setting is used when ordinary bond type paper is loaded in the Canon Bubble Jet printer. This setting will set the color dots generated by the printer to yield the highest quality printed image with bond type paper. This is the default Print Media.
  If you use this print media and a print quality with smoothing then the Canon Bubble Jet printer driver will automatically use a print quality without smoothing to avoid exess ink.

- **Coated Paper:**
  This setting is specially configured for printing with Canon Color BJ Paper LC-101. The Canon LC-101 paper is designed to minimize the color spread of the individual color dots that make up the printed image, and will yield the highest quality prints from your Canon Bubble Jet printer. Canon recommends that you use the LC-101 paper to achieve the highest possible color fidelity.

- **Fabric Sheet:**
  This setting is used when a fabric sheet is loaded in the Canon Bubble Jet printer.
  When printing fabric sheets, please remember to set the paper selection lever to forward position and the paper adjustment lever on the printer to upright position. If you use this print media and a print quality with smoothing then the Canon Bubble Jet printer driver will automatically use a print quality without smoothing to avoid exess ink.

- **Glossy Paper:**
  This setting is used when the Canon color BJ Glossy Paper GP-101 is loaded in the Canon Bubble Jet printer. The Canon GP-101 paper is designed to achieve the highest possible color fidelity and print quality. **When printing glossy paper, please remember to set the paper selection lever to backward position and the paper adjustment lever on the printer to upright position.**

- **Recycling Paper:**
  This setting is used when recycling type paper is loaded in the Canon Bubble Jet printer. This setting will set the color dots generated by the printer to yield the highest quality printed image with recycling paper. Compared to Plain Paper, less ink is applied to avoid blurring.
  The output quality on recycled paper can vary depending on the quality of the used recycled paper. If you use this print media and a print quality with

smoothing then the Canon Bubble Jet printer driver will automatically use a print quality without smoothing to avoid exess ink.

- **Transparency:**
  This setting is used when Transparency (such as overhead-projection) material is loaded in the Canon Bubble Jet printer. Canon recommends that you use the Canon Color BJ Transparency CF-102 material to achieve the highest possible color fidelity.
  When printing transparencies, please remember to set the paper selection lever to backward position and the paper adjustment lever on the printer to forward position.

- **Back Print Film:**
  This setting is used for media on which the output is printed on the back side of the paper. Use Canon recommended Back Print Film for highest quality. The printout will be mirrored by the driver.
  When printing back print film, please remember to set the paper selection lever to backward position and the paper adjustment lever on the printer to upright position.

- **Envelope:**
  This setting is used when envelopes are loaded in the Canon Bubble Jet printer. The printer will adjust its print mode to thick media.
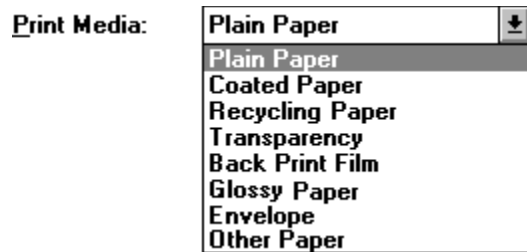 **When printing envelopes, please remember to set the paper selection lever on the printer to forward position and the paper adjustment lever to upright position.**

- **Other Paper:**
  This setting is used for media other than those mentioned above. In this case, you must also remember to set the paper feed lever, paper thickness lever and the thickness LED ´s as required.

Important: When using heavy-bond (thick) paper, be sure to adjust the green paper-thickness handle on the Canon Bubble Jet printer. For complete information about setting the printer to accommodate various paper thicknesses, refer to the printers Users Manual.

← **Main Dialog**

Print Media:

Plain Paper	±
Plain Paper	
Coated Paper	
Recycling Paper	
Transparency	
Back Print Film	
Glossy Paper	
Envelope	
Other Paper	

The Print Media Combobox is used to define the type of print media (such as plain paper, or Transparency film) that is loaded in the Canon Bubble Jet printer. This setting is important for controlling the quality of the final printed image. Specifying the correct Print Media setting is essential for producing high-quality printed images.

Eight settings are available in the Print Media Combobox:

- **Plain Paper:**
  This setting is used when ordinary bond type paper is loaded in the Canon Bubble Jet printer. This setting will set the color dots generated by the printer to yield the highest quality printed image with bond type paper. This is the default Print Media.

- **Coated Paper:**
  This setting is specially configured for printing with Canon Color BJ Paper LC-101. The Canon LC-101 paper is designed to minimize the color spread of the individual color dots that make up the printed image, and will yield the highest quality prints from your Canon Bubble Jet printer. Canon recommends that you use the LC-101 paper to achieve the highest possible color fidelity.

- **Recycling Paper:**
  This setting is used when recycling type paper is loaded in the Canon Bubble Jet printer. This setting will set the color dots generated by the printer to yield the highest quality printed image with recycling paper. Compared to Plain Paper, less ink is applied to avoid blurring.
  The output quality on recycled paper can vary depending on the quality of the used recycled paper.

- **Transparency:**
  This setting is used when Transparency (such as overhead-projection) material is loaded in the Canon Bubble Jet printer. Canon recommends that you use the Canon Color BJ Transparency CF-102 material to achieve the highest possible color fidelity.
  When printing transparencies, please remember to set the paper selection lever and the paper adjustment lever on the printer to forward position.

- **Back Print Film:**
  This setting is used for media on which the output is printed on the back side of the paper. Use Canon recommended Back Print Film for highest quality. The printout will be mirrored by the driver.

- **Glossy Paper:**
  This setting is used when the Canon color BJ Glossy Paper GP-101 is loaded in the Canon Bubble Jet printer. The Canon GP-101 paper is designed to achieve the highest possible color fidelity and print quality.

- **Envelope:**

This setting is used when envelopes are loaded in the Canon Bubble Jet printer. The printer will adjust its print mode to thick media.
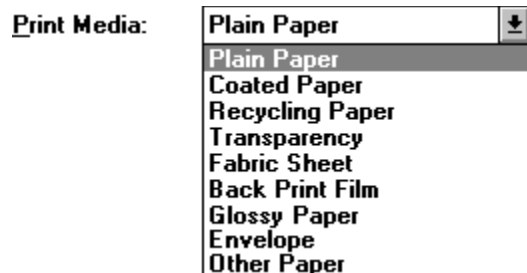**When printing envelopes, please remember to set the paper selection lever on the printer to forward position and the paper adjustment lever to backward position.**

- **Other Paper:**
  This setting is used for media other than those mentioned above. In this case, you must also remember to set the paper feed lever, paper thickness lever and the thickness LED ´s as required.

Important: When using heavy-bond (thick) paper, be sure to adjust the green paper-thickness handle on the Canon Bubble Jet printer. For complete information about setting the printer to accommodate various paper thicknesses, refer to the printers Users Manual.

← **Main Dialog**

Print Media:

| Plain Paper ▼ |
| Plain Paper |
| Coated Paper |
| Recycling Paper |
| Transparency |
| Fabric Sheet |
| Back Print Film |
| Glossy Paper |
| Envelope |
| Other Paper |

The Print Media Combobox is used to define the type of print media (such as plain paper, or Transparency film) that is loaded in the Canon Bubble Jet printer. This setting is important for controlling the quality of the final printed image. Specifying the correct Print Media setting is essential for producing high-quality printed images.

Nine settings are available in the Print Media Combobox:

- **Plain Paper:**
  This setting is used when ordinary bond type paper is loaded in the Canon Bubble Jet printer. This setting will set the color dots generated by the printer to yield the highest quality printed image with bond type paper. This is the default Print Media.
  Please set the paper selection lever to the **backward** position. Then open the front cover and set the paper thickness adjustment lever to the **centre** position.

- **Coated Paper:**
  This setting is specially configured for printing with Canon Color BJ Paper LC-101. The Canon LC-101 paper is designed to minimize the color spread of the individual color dots that make up the printed image, and will yield the highest quality prints from your Canon Bubble Jet printer. Canon recommends that you use the LC-101 paper to achieve the highest possible color fidelity.
  Please set the paper selection lever to the **backward** position. Then open the front cover and set the paper thickness adjustment lever to the **centre** position.

- **Recycling Paper:**
  This setting is used when you wish to use recycling paper in your Canon Bubble Jet printer. This setting will set the color dots generated by the printer to yield the highest quality printed image with recycling paper. Compared to the Plain Paper setting, less ink is applied to avoid blurring.
  Please set the paper selection lever to the **backward** position. Then open the front cover and set the paper thickness adjustment lever to the **centre** position.
  The output quality on recycled paper can vary depending on the quality of the recycled paper used.

- **Transparency:**
  This setting is used when Transparency film (such as that used in overhead projectors) is loaded in the Canon Bubble Jet printer. Use Canon-recommended Transparency film for the BJC-4000 to achieve the highest possible color fidelity.
  Please set the paper selection lever to the **backward** position. Then open the front cover and set the paper thickness adjustment lever to the **centre** position.

- **Back Print Film:**
  This setting is used for media on which the output is printed on the back side of the paper. Use Canon-recommended Back Print Film for highest quality. The printout will be mirrored by the driver.

Please set the paper selection lever to the **backward** position. Then open the front cover and set the paper thickness adjustment lever to the **centre** position.

- **Glossy Paper:**
  This setting is used when the Canon color BJ Glossy Paper GP-101 is loaded in the Canon Bubble Jet printer. The Canon GP-101 paper is designed to achieve the highest possible color fidelity and print quality.
  Please set the paper selection lever to the **forward** position. Then open the front cover and set the paper thickness adjustment lever to the **centre** position.

- **Envelope:**
  This setting is used when envelopes are loaded in the Canon Bubble Jet printer.
  Please set the paper selection lever to the **forward** position. Then open the front cover and set the paper thickness adjustment lever to the **right** position.

- **Fabric Sheet:**
  This setting is used when a fabric sheet is loaded in the Canon Bubble Jet printer.
  Please set the paper selection lever to the **forward** position. Then open the front cover and set the paper thickness adjustment lever to the **right** position.
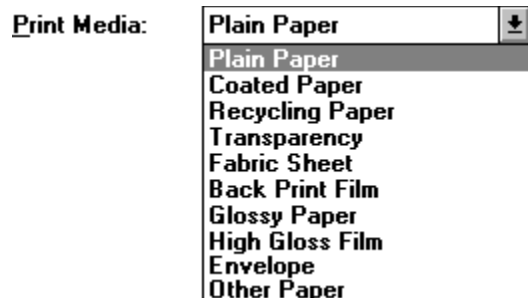
- **Other Paper:**
  This setting is used when other paper is loaded in the Canon Bubble Jet printer, i.e.,   for media other than those mentioned above.
  Please set the paper selection lever to the **forward** position. Then open the front cover and set the paper thickness adjustment lever to the **right** position.

Important: When using heavy-bond (thick) paper, be sure to adjust the green paper-thickness handle on the Canon Bubble Jet printer. For complete information about setting the printer to accommodate various paper thicknesses, refer to the printer User Manual.

← **Main Dialog**

Print Media: Plain Paper ▼

- Plain Paper
- Coated Paper
- Recycling Paper
- Transparency
- Fabric Sheet
- Back Print Film
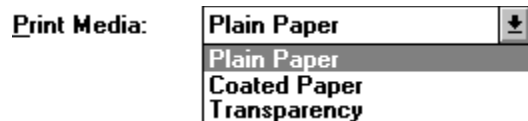- Glossy Paper
- High Gloss Film
- Envelope
- Other Paper

The Print Media Combobox is used to define the type of print media (such as plain paper, or Transparency film) that is loaded in the Canon Bubble Jet printer. This setting is important for controlling the quality of the final printed image. Specifying the correct Print Media setting is essential for producing high-quality printed images.

Ten settings are available in the Print Media Combobox:

- **Plain Paper:**
  This setting is used when ordinary bond type paper is loaded in the Canon Bubble Jet printer. This setting will set the color dots generated by the printer to yield the highest quality printed image with bond type paper. This is the default Print Media.

- **Coated Paper:**
  This setting is specially configured for printing with Canon Color BJ Paper LC-101. The Canon LC-101 paper is designed to minimize the color spread of the individual color dots that make up the printed image, and will yield the highest quality prints from your Canon Bubble Jet printer. Canon recommends that you use the LC-101 paper to achieve the highest possible color fidelity.

- **Fabric Sheet:**
  This setting is used when a fabric sheet is loaded in the Canon Bubble Jet printer.

- **High Gloss Film:**
  This setting is used when the Canon color BJ High Gloss Film is loaded in the Canon Bubble Jet printer. The Canon color BJ High Gloss Film is designed to achieve the highest possible color fidelity and print quality.

- **Glossy Paper:**
  This setting is used when the Canon color BJ Glossy Paper GP-101 is loaded in the Canon Bubble Jet printer. The Canon GP-101 paper is designed to achieve the highest possible color fidelity and print quality

- **Recycling Paper:**
  This setting is used when recycling type paper is loaded in the Canon Bubble Jet printer. This setting will set the color dots generated by the printer to yield the highest quality printed image with recycling paper. Compared to Plain Paper, less ink is applied to avoid blurring. The output quality on recycled paper can vary depending on the quality of the used recycled paper.

- **Transparency:**
  This setting is used when Transparency (such as overhead-projection) material is loaded in the Canon Bubble Jet printer. Canon recommends that you use the Canon Color BJ Transparency CF-102 material to achieve the highest possible color fidelity.

- **Back Print Film:**
  This setting is used for media on which the output is printed on the back side of the paper. Use Canon recommended Back Print Film for highest quality. The printout will be mirrored by the driver.

- **Envelope:**
  This setting is used when envelopes are loaded in the Canon Bubble Jet printer. The printer will adjust its print mode to thick media.

- **Other Paper:**
  This setting is used for media other than those mentioned above.

← **Main Dialog**

Print Media: | Plain Paper ▼
Plain Paper
Coated Paper
Transparency

The Print Media [Combobox](#) is used to define the type of print media (such as plain paper, or Transparency film) that is loaded in the Canon Bubble Jet printer. This setting is important for controlling the quality of the final printed image. Specifying the correct Print Media setting is essential for producing high-quality printed images.

Three settings are available in the Print Media Combobox:

- **Plain Paper:**
  This setting is used when ordinary bond type paper is loaded in the Canon Bubble Jet printer. This setting will set the color dots generated by the printer to yield the highest quality printed image with bond type paper. This is the default Print Media.

- **Coated Paper:**
  This setting is specially configured for printing with Canon Color BJ Paper LC-101. The Canon LC-101 paper is designed to minimize the color spread of the individual color dots that make up the printed image, and will yield the highest quality prints from your Canon Bubble Jet printer. Canon recommends that you use the LC-101 paper to achieve the highest possible color fidelity.

- **Transparency:**
  This setting is used when Transparency (such as overhead-projection) material is loaded in the Canon Bubble Jet printer. Canon recommends that you use the Canon Color BJ Transparency CF-102 material to achieve the highest possible color fidelity.

← **Main Dialog**

←

The Print Media Combobox is used to define the type of print media (such as plain paper, or Transparency film) that is loaded in the Canon Bubble Jet printer. This setting is important for controlling the quality of the final printed image. Specifying the correct Print Media setting is essential for producing high-quality printed images.

Eight settings are available in the Print Media Combobox:

- **Plain Paper:**
  This setting is used when ordinary bond type paper is loaded in the Canon Bubble Jet printer. This setting will set the color dots generated by the printer to yield the highest quality printed image with bond type paper. This is the default Print Media.

- **Coated Paper:**
  This setting is specially configured for printing with Canon Color BJ Paper LC-101. The Canon LC-101 paper is designed to minimize the color spread of the individual color dots that make up the printed image, and will yield the highest quality prints from your Canon Bubble Jet printer. Canon recommends that you use the LC-101 paper to achieve the highest possible color fidelity.

- **Recycling Paper:**
  This setting is used when recycling type paper is loaded in the Canon Bubble Jet printer. This setting will set the color dots generated by the printer to yield the highest quality printed image with recycling paper. Compared to Plain Paper, less ink is applied to avoid blurring.
  The output quality on recycled paper can vary depending on the quality of the used recycled paper.

- **Transparency:**
  This setting is used when Transparency (such as overhead-projection) material is loaded in the Canon Bubble Jet printer. Canon recommends that you use the Canon Color BJ Transparency CF-102 material to achieve the highest possible color fidelity.
  When printing transparencies, please remember to set the paper selection lever and the paper adjustment lever on the printer to forward position.

- **Back Print Film:**
  This setting is used for media on which the output is printed on the back side of the paper. Use Canon recommended Back Print Film for highest quality. The printout will be mirrored by the driver.

- **Glossy Paper:**
  This setting is used when the Canon color BJ Glossy Paper GP-101 is loaded in the Canon Bubble Jet printer. The Canon GP-101 paper is designed to achieve the highest possible color fidelity and print quality.

- **Envelope:**
  This setting is used when envelopes are loaded in the Canon Bubble Jet printer. The printer will adjust its print mode to thick media.
  When printing envelopes, please remember to set the paper selection lever on the printer to forward position and the paper adjustment lever to backward position.

- **Other Paper:**

This setting is used for media other than those mentioned above. In this case, you must also remember to set the paper feed lever, paper thickness lever and the thickness LED ´s as required.

Important: When using heavy-bond (thick) paper, be sure to adjust the green paper-thickness handle on the Canon Bubble Jet printer. For complete information about setting the printer to accommodate various paper thicknesses, refer to the printers Users Manual.

← **Main Dialog**

Mode:

The selection of predefined settings will influence the complete printing process.

The following predefined settings are included with the driver:

- **Business:**
  This setting is most suitable for every-day tasks in an office. It will result in an optimum printout of diagrams, letters and presentations without the need of adjusting lots of further settings. The specified Print Media setting is essential for producing high-quality printed images.

- **Images:**
  This setting will adapt the printout process to be most suitable for pictures and scanned graphics. The specified Print Media setting is essential for producing high-quality printed images.

- **Draft:**
  This setting is recommended for high-speed printouts. The specified Print Media will not influence the printout quality. Use this setting if you need fast results, while quality plays a minor role.

- **Manual:**
  This setting will use all adjustments set in the 'Color Adjustment' Dialog.

To create your own user defined settings, make all adjustments for this setting in the 'Color Adjustment' Dialog.

← **Main Dialog**

Copies

The Copies option tells the printer driver how many uncollated copies you want to print from an application. This setting is independent of the Copies option that may be available in your Windows Application, so you can either set this option in your Application or in the printer dialog box (Main Dialog).

Important: In general, setting the number of Copies in the printer setup dialog box will produce faster uncollated output. Setting the number of Copies in your Application will slow down printing, but the Copies will be collated.

← **Main Dialog**

Orientation

By clicking on this Selectbutton you can select the print orientation: Portrait or Landscape. The Orientation settings are used to define how the graphic image (and/or text) is printed on the page without changing the position of the paper in the paper tray of the printer.

There are two possible orientation settings:

- **Portrait:**
  The text is printed across the shorter dimension of the paper.

- **Landscape:**
  The text is printed lengthwise across the longer dimension of the paper.

← **Main Dialog**

Click here for Color Adjustment

Color Adjustment

This window allows you to adjust and save all quality selections, Color modes and halftone processing settings of the driver under a specific name. In this way, you can restore a special setting you need just by selecting another User Setting in the main window of the Canon Bubble Jet Printer Driver.

To create a new User Setting, make all adjustments for this setting in the 'Settings...' Dialog, enter a name in the Edit-Combobox and press the OK button.

Click here for Papers...

Papers...

This window allows you to define and save your own paper sizes and make them available to the printer and your applications.

To create a paper size, make all adjustments for this paper size in the 'Papers...' Dialog, enter a name in the Edit-Combobox and press the OK button.

About...

By pressing this Pushbutton a dialog box will appear showing information on:

- Supported Printers
- Emulation
- Driver Version
- Creation Date
- Windows Version

Please keep this information ready when you call the hotline.

OK Button

When you press this button you will close the actual window. All your changes will be saved.

Cancel Button

When you press this button you will close the actual window. Any changes you have made will be lost.

Help Button

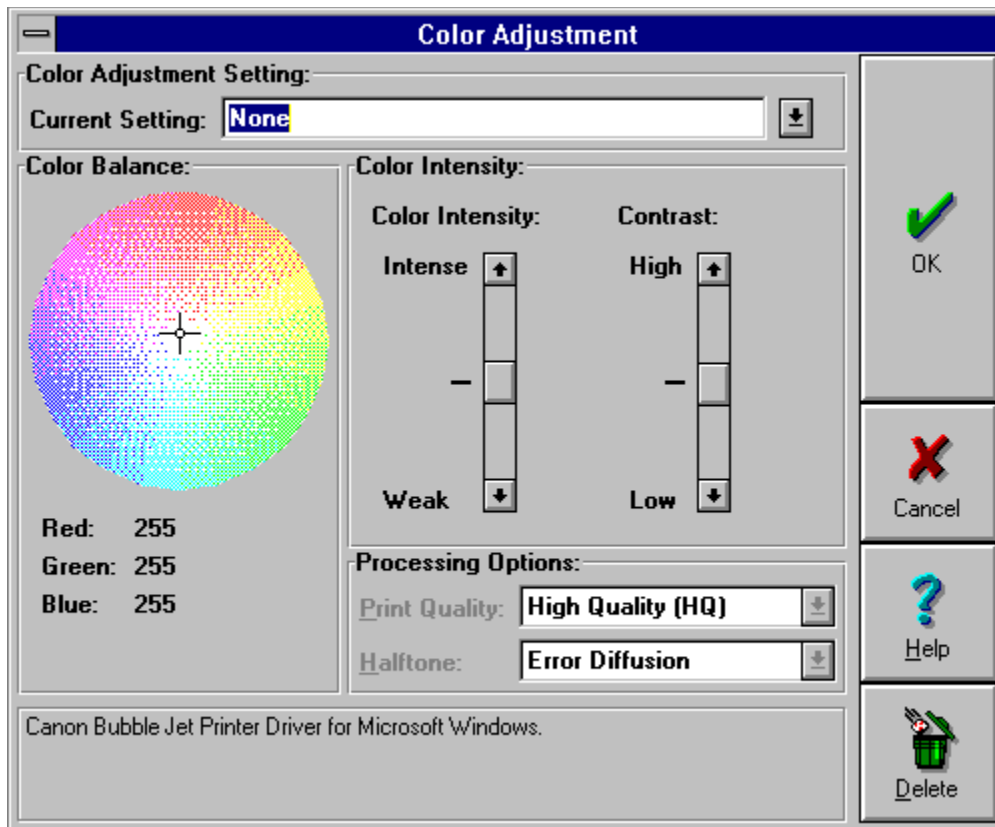Press this button to obtain Windows Help on how to use your printer driver.

For more details on the contents of the help file see: Canon Bubble Jet Printer Driver Help Index.

Canon Bubble Jet Printer Driver for Microsoft Windows.

Context Help

When you move your mouse cursor on an item, a short help on this item is shown in the context sensitive help on the bottom of a window.

Color Adjustment

Active Color Setting:

This Combobox shows up the active Color Setting. All settings can be changed, saved and recalled to be used in future sessions. You can save as many settings as you need, but only one setting can be the active one. All adjustments of the Active Color Setting will be used with the 'Manual' Mode.

Steps to create your own Color Settings:
As soon as you change one of the dialog items, e.g. Print Quality, Color Balance etc., the Active Color Setting will change to 'user defined'. Once you have finshed all adjustments in this dialog you can replace the 'user defined' with your own text and press OK.

Steps to delete user defined Color Settings:
Select the Color Setting you want to delete in the Active Color Setting Combobox and press the Delete Pushbutton.

← **Color Adjustment**
← **Main Dialog**

Color Balance:

In the Color Wheel you can shift the white point to compensate color casts or to create color casts for special effects. To create a more redish printout move the crosshair curser further toward red.

The white point defaults to:

RED: 255
GREEN: 255
BLUE: 255

Print Quality: `High Quality (HQ)` ▼

```
HQ, Smoothing
HQ, Enhanced Black, Smoothing
HQ, Enhanced Black
High Quality (HQ)
Draft Quality
```

The Print Quality settings are used to define the overall quality of the document printed by the Canon Bubble Jet printer.

Three Print Quality settings appear in this Combobox:

- **HQ, Smoothing:**
  This print quality produces better, but slower output than Normal print quality. It prints with 720 x 360 dpi and creates a very good print quality at reasonable speed using smoothing technology. Smoothing means that extra pixels are printed to round off "jaggies", which may appear in text characters,

- **HQ, Enhanced Black, Smoothing:**
  This setting will result in the highest-quality printed output that can be created by the Canon Bubble Jet printer. It prints with 720 x 360 dpi and will add more black to intensify the black areas of the printed image. This is ideally suited for printing transparencies. The printout will generally look darker than with High Quality.

- **HQ, Enhanced Black:**
  This setting prints with 360 x 360 dpi and will add more black to intensify the black areas of the printed image. This is ideally suited for printing transparencies. The printout will generally look darker than with High Quality.

- **High Quality (HQ):**
  This print quality is the best choice for day by day use. It prints with 360 x 360 dpi and creates a very good print quality at reasonable speed. This is the default print quality.

- **Draft Quality:**
  Use this print quality for printing draft documents. It prints with 180 x 180 dpi. This setting is ideal for printing draft documents. It is using less ink than High Quality and High Quality (Enhanced Black).

← Color Adjustment
← **Main Dialog**

Print Quality: High Quality ▼
HQ, Enhanced Black
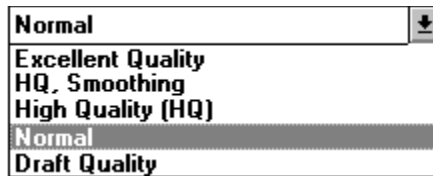High Quality (HQ)
Draft Quality

The Print Quality settings are used to define the overall quality of the document printed by the Canon Bubble Jet printer.

Three Print Quality settings appear in this Combobox:

- **HQ, Enhanced Black:**
  This setting will result in the highest-quality printed output that can be created by the Canon Bubble Jet printer. It prints with 360 x 360 dpi and will add more black to intensify the black areas of the printed image. This is ideally suited for printing transparencies. The printout will generally look darker than with High Quality.

- **High Quality (HQ):**
  This print quality is the best choice for day by day use. It prints with 360 x 360 dpi and creates a very good print quality at reasonable speed. This is the default print quality.

- **Draft Quality:**
  Use this print quality for printing draft documents. It prints with 180 x 180 dpi. This setting is ideal for printing draft documents. It is using less ink than High Quality and High Quality (Enhanced Black).

← **Color Adjustment**
← **Main Dialog**

Print Quality:

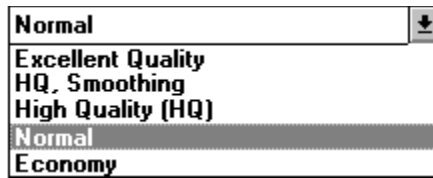| Normal |
| Excellent Quality |
| HQ, Smoothing |
| High Quality (HQ) |
| Normal |
| Draft Quality |

The Print Quality settings are used to define the overall quality of the document printed by the Canon Bubble Jet printer.

Five Print Quality settings appear in this Combobox:

- **Excellent Quality:**
  This setting will result in the highest-quality printed output that can be created by the Canon Bubble Jet printer. It prints with 360 x 360 dpi and is available for color (BC-21 color print head) and monochrome (BC-20 print head) printing. This is ideally suited for printing transparencies, back print film, textile sheets and other high quality print media.

- **High Quality (HQ):**
  This print quality produces better, but slower output than Normal print quality. It prints with 360 x 360 dpi and creates a very good print quality at reasonable speed. This print quality is available in color (BC-21 print head) only.

- **HQ, Smoothing:**
  This print quality produces better, but slower output than Normal print quality. It prints with 720 x 360 dpi and creates a very good print quality at reasonable speed using smoothing technology. Smoothing means that extra pixels are printed to round off "jaggies", which may appear in text characters, This print quality is available in monochrome (BC-20 print head) only.

- **Normal:**
  This print quality is the best choice for everyday use. It prints with 360 x 360 dpi and offers very good print quality at reasonable speed. This print quality is available in color (BC-21 print head) and monochrome (BC-20 print head). This is the default print quality.

- **Draft Quality:**
  Use this print quality for quickly printing draft documents. It uses 180 x 180 dpi print resolution. Draft quality is available in color (BC-21 print head) and monochrome (BC-20 print head). Draft quality uses less ink than all the other print qualities.

← **Color Adjuster**
← **Main Dialog**

Print Quality: Normal

Excellent Quality
HQ, Smoothing
High Quality (HQ)
Normal
Economy

The Print Quality settings are used to define the overall quality of the document printed by the Canon Bubble Jet printer.

Five Print Quality settings appear in this Combobox:

- **Excellent Quality:**
  This setting will result in the highest-quality printed output that can be created by the Canon Bubble Jet printer. It prints with 360 x 360 dpi and is available for color (BC-11 color print head) and monochrome (BC-10 print head) printing. This is ideally suited for printing transparencies, back print film, textile sheets and other high quality print media.

- **High Quality (HQ):**
  This print quality produces better, but slower output than Normal print quality. It prints with 360 x 360 dpi and creates a very good print quality at reasonable speed. This print quality is available in color (BC-11 print head) only.

- **HQ, Smoothing:**
  This print quality produces better, but slower output than Normal print quality. It prints with 720 x 360 dpi and creates a very good print quality at reasonable speed using smoothing technology. Smoothing means that extra pixels are printed to round off "jaggies", which may appear in text characters, This print quality is available in monochrome (BC-10 print head) only.

- **Normal:**
  This print quality is the best choice for everyday use. It prints with 360 x 360 dpi and offers very good print quality at reasonable speed. This print quality is available in color (BC-11 print head) and monochrome (BC-10 print head). This is the default print quality.

- **Economy:**
  Use this print quality for quickly printing draft documents. It uses 180 x 180 dpi print resolution. Draft quality is available in color (BC-11 print head) and monochrome (BC-10 print head). Draft quality uses less ink than all the other print qualities.

← **Color Adjustment**
← **Main Dialog**

Print Quality: High Quality
                 Excellent Quality
                 High Quality (HQ)
                 Draft Quality

The Print Quality settings are used to define the overall quality of the document printed by the Canon Bubble Jet printer.

Three Print Quality settings appear in this Combobox:

- **Excellent Quality:**
  This setting will result in the highest-quality printed output that can be created by the Canon Bubble Jet printer. It prints with 360 x 360 dpi and will add more black to intensify the black areas of the printed image. This is ideally suited for printing transparencies. The printout will generally look darker than with High Quality.

- **High Quality (HQ):**
  This print quality is the best choice for day by day use. It prints with 360 x 360 dpi and creates a very good print quality at reasonable speed. This is the default print quality.

- **Draft Quality:**
  Use this print quality for printing draft documents. It prints with 180 x 180 dpi. This setting is ideal for printing draft documents. It is using less ink than High Quality and High Quality (Enhanced Black).

← **Color Adjustment**
← **Main Dialog**

5
←

The Print Quality settings are used to define the overall quality of the document printed by the Canon Bubble Jet printer.

Three Print Quality settings appear in this Combobox:

- **HQ, Enhanced Black:**
  This setting will result in the highest-quality printed output that can be created by the Canon Bubble Jet printer. It prints with 360 x 360 dpi and will add more black to intensify the black areas of the printed image. This is ideally suited for printing transparencies. The printout will generally look darker than with High Quality.

- **High Quality (HQ):**
  This print quality is the best choice for day by day use. It prints with 360 x 360 dpi and creates a very good print quality at reasonable speed. This is the default print quality.

- **Draft Quality:**
  Use this print quality for printing draft documents. It prints with 180 x 180 dpi. This setting is ideal for printing draft documents. It is using less ink than High Quality and High Quality (Enhanced Black).

← **Color Adjustment**
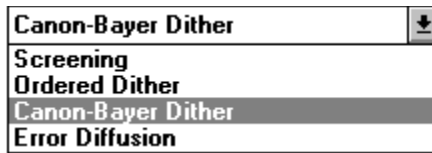← **Main Dialog**

Color:

The Color setting defines how colors are interpreted and printed by the Canon Bubble Jet printer.

The following options are available:

- **Color:**
  This setting is used to define that documents will be printed in full color (up to 24-bit per pixel capability). The Color component of each pixel in all data is represented by maximum 24 bits.

- **Monochrome:**
  This setting is used to define that text will be printed in black and white, and that graphic images will be rendered in grayscale. In other words, full-color images will be translated and printed in shades of gray.   The Grayscale setting will result in a faster printing speed than the color setting and is useful for printing draft copies of color files. Each pixel is represented by 8 bits of data representing a level of grey from 0 to 255.

← **Main Dialog**

Halftone:

| Canon-Bayer Dither | ± |

Screening
Ordered Dither
Canon-Bayer Dither
Error Diffusion

The Halftone setting defines how mixing of colors is performed and printed by the Canon Bubble Jet printer. A Canon Bubble Jet color printer contains four colors of ink: cyan, magenta, yellow, and black. Intermediate colors can be created by mixing combinations of these inks. To print the entire spectrum of color, the Canon Bubble Jet Windows Driver applies special halftone methods, where different colored dots of ink are placed closely together to create the illusion of other colors.

The following options are available from the Halftone Combobox:

- **Canon-Bayer Dither:**
  This method uniformly aligns individual dots of different colored inks to create the appearance of intermediate colors. It is a tuned dither method for Canon Bubble Jet printers. Choose this setting for printing documents that contain large areas of solid color, such as bar charts and graphs.

- **Ordered Dither:**
  This method uses the standard Windows dithering patterns. It works similar to Canon-Bayer Dither, but is not tuned for Bubble Jet print technology.

- **Screening:**
  This method represents different intensities of colors by using a pattern of variable size dots. This technique is similar to the method how images in newspapers are rastered. Use this method for printing e.g. scanned images or bitmap printing. When your printout will be photocopied, this method produces the best results.

- **Error Diffusion:**
  This method represents different intensities of colors by using random pixels with distributed errors. It lets you obtain printouts of 16.7 million different colors or 256 shades of gray using only four different ink colors. Unlike Ordered Dither or Canon-Bayer Dither, no regular patterns are visible. Use this method for printing scanned images or bitmaps with the highest quality halftoning quality possible.

← **Color Adjustment**
← **Main Dialog**

Color Intensity:

Intensity:
This setting is used to adjust the purity of the color, e.g. the amount of Hue or grey. If you like more intense and vivid colors (but unnatural) move the slider upwards.

Contrast:
This setting adjusts the difference in blackness between two adjoining areas of grey. Use this setting to change gradients in pictures or images.

Delete Button

This Pushbutton allows you to delete previously defined User Settings. Select the User Setting you want to delete and press the Delete button. The User Setting will be removed from the list.

Papers

Main Dialog

Paper Size:

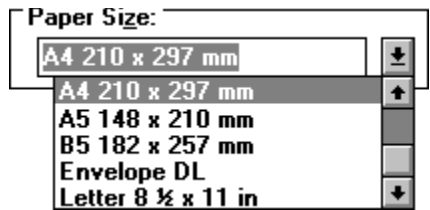| A4 210 x 297 mm |
|---|
| A4 210 x 297 mm |
| A5 148 x 210 mm |
| B5 182 x 257 mm |
| Envelope DL |
| Letter 8 ½ x 11 in |

In the Combobox Paper Size you can select one of the available paper sizes. Below the Paper Size Combobox, the dimensions of the papers are shown.

Define a new Paper Size:
To define a new paper size, enter a name in the Paper Size Combobox, then specify a unit in the Measurement Unit box. Edit the values of Size and Margins shown in currently selected measurement unit to match the paper size you want to define.

Saving the new Paper Size:
Once you have finished making the required changes, press the OK button. Your new paper size will be saved. The new paper size appears in the 'Paper Sizes' of the Main Dialog.
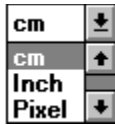
Here you can edit the size of your defined paper or a standard paper such as A4 (enter actual size of the paper).

Margins

0,50	0,50
0,50	1,30

Here you can edit the margins of your defined paper or standard paper such as A4. Please keep in mind that the printer has so called hardware margins, in which it cannot print. If you enter a value for a margin which is below the hardware margin, the Editbox defaults to the minimum hardware margin.

Measurement Unit:

cm ↓
cm ↑
Inch
Pixel ↓

Here you can specify all measurements in the units selected in the Combobox below the Margins Editboxes. These are Inch, cm, Pixel, Pica, Point.

← **Delete Button**

You can also delete Paper Sizes from the Paper Size Combobox. This is useful if you only have very few Paper Sizes in use and you want to avoid having all pre-defined Paper Sizes listed in the applications Listbox, or you want to delete previously defined Paper Sizes. Select the Paper Size you want to delete in the Paper Size Combobox and press the Delete Pushbutton.

Restore Button

If you want to restore the pre-defined (default) Paper Sizes, press the Restore Pushbutton.

Important: Restoring the Paper Sizes overwrites previously user-defined Paper Sizes.

Radiobutton

A Radiobutton consists of a circle and the related text to the right of the circle describing the choice. Radiobuttons are typically used in groups to give the user a fixed set of options. The inner circle turns to black when the option has been activated.

Checkbox

A Checkbox consists of a square box and the related text to the right of the circle describing the choice. A Checkbox acts as a switch.   When you activate a Checkbox, an X will appear in the square.

Editbox

An Editbox is a rectangular box containing strings or values which can be modified.

Listbox

A Listbox is a rectangular box that has a vertical scroll bar on the right edge. Usually a Listbox contains a list of strings of which the user can select, such as file names etc.

Selectbutton

A Selectbutton is a rounded rectangle which contains a label or text. Selectbuttons are used to let the user choose between several modes, such as Mode 1 or Mode 2 in a dialog box.

Pushbutton

A Pushbutton is a rounded rectangle which contains a label or text. Pushbuttons are used to let the user choose an immediate action, such as OK or Cancel in a dialog box.

Combobox

A Combo or Combination Box is a control that combines an entry field and a listbox.

Edit-Combobox

An Edit-Combobox is a combination of a <u>Combobox</u> and an <u>Editbox</u>. The contents of the Combobox may be edited.

Scrollbars

A Scrollbar is a bar that appears at the right and/or bottom edge of a window whose contents aren't completely visible. Each Scrollbar contains two scroll arrows and a scroll box,which allow you to scroll within the window or Listbox.

Spinbutton

A Spinbutton is a special type of entry field by selecting from a scrollable ring of choices.

Do not translate!

Set 1
Macro Initialization Page

600e

Do not translate!

Set 2
Macro Initialization Page

600

Do not translate!

Set 3
Macro Initialization Page

4000

Do not translate!

SET 4
Macro Initialization Page

70

Do not translate!

SET 5
Macro Initialization Page

800

Do not translate!

SET 6
Macro Initialization Page

5 empty / no valid data

Do not translate!

DEBUG ON

Macro Initialization Page for Debugging Mode:
Debugging works only with external tools

René Steiner 16.10.95 / 14:36
Germany / GCA
R&D Team / QA