RED RIVER PAPER

These instructions contain several important things which are specific to this printer model, it is recommended that you read over them even if you are very familiar with printing using ICC Color Profiles.

Printer: Canon PRO-1100

Print Setting Recommendations

Printing Program: We highly recommend printing through the free Canon Professional Print and Layout application, which you can download from the Canon website

Print Quality: All profiles have been optimized for "Highest Quality" but you can use lower quality settings if you want to save ink.

Clear Coat (Chroma Optimizer): For best results use "Printed Area" or "Overall" when using glossy media and "Auto" when using matte media. This helps ensure consistent glossiness when looking at the print from different angles. If you don't mind having a difference in glossiness then you can use "Auto" to save a bit on ink costs.

ICC Color Profiles

ICC Color Profiles are color-correction data to help ensure accurate and consistent results across different models of printers on our full line of media. These files are used by your printing program to tweak the colors sent to the printer to help ensure you get color-accurate end-results.

Support

How to install profiles

www.redriverpaper.com/installprofiles

How to use profiles

www.redriverpaper.com/useprofiles

Media Type Config Files

Canon printers can utilize media configuration files (AM1X) to help the printer best deal with the physical properties of the media. Things like how much force to use when pulling the paper through the printer, the print head height, how much total ink the media can take, how much drying time it needs between passes, etc.

Installing these files also puts the name of the media onto your printer's display panel to select when you insert a paper into the printer.

Installing these am1x media configuration files into your printer is recommended for the best results, but not strictly required. If you prefer to keep things a bit simpler, you can use the Media Settings Recommendation guide below to tell you which media type to use when inserting paper into your printer.

Config File Support

How to install / import config files into your printer

How to use the config file during the print process

Some Hints

Using our AM1X files will allow you to use all of our media in either the top or rear feed. Note that the printer may still have some trouble loading very heavy matte papers in the top feed (such as Aurora Art papers) even using our AM1X files. If you run into issues with this, then try using the rear feed, which is designed specifically for thicker media.

Note that two of our media - Pecos Gloss and Palo Duro Baryta Fiber - have separate AM1X files for top feed usage due to limitations in printer capabilities.

⚠️ Unless you are using an AM1X media config file for the paper, the name of the paper you are using will not be listed in the media setting drop down menu in the printer driver. That menu only has the names of manufacturer papers.

Do not use the printer driver's "Preview before printing feature". It can interrupt the color management process.

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Printer Calibration

For best results, calibrate your printer once every three months, or whenever there is a big change in humidity. This will ensure your printer's output exactly matches standard and exactly matches the printer in our lab. Doing Calibration on your printer is not strictly required, but helps ensure you can consistently get the most accurate colors.

To calibrate the printer:

1) Insert an 8.5x11 sheet of Canon Pro Luster into the top feed and select "Pro Luster" on the printer's panel.

2) On the printer's panel, select Maintenance, then Color Calibration, then Auto Adjust. This will take about 20 minutes.

What's happening: The printer will print out a series of color patches for each of the 11 color ink channels, and then use sensors built into the print head to automatically read back in how dense the ink appears on the page.

Humidity and altitude are the main factors that affect ink density, but the age of the printer and temperature affect it as well. Doing regular calibration will ensure your printer stays in line with standard as those factors change. This will correct the calibration of all media types installed on your printer in one-go and is called "Common Calibration".

Printer Calibration - Aurora Art Papers

Our Aurora Art Natural and Aurora Art White papers are the most affected of all of our media to changes in humidity. If you notice the ink density on our Aurora Art papers looks too light or two dark:

1) Make sure you have installed (and are using) the correct am1x file for that Aurora Art paper.

2) Insert an 8.5x11 or larger sheet of the Aurora Art paper into the top feed and select that Aurora Art paper on the printer's panel

3) On the printer's panel, select Maintenance, then Color Calibration, then Auto Adjust. This will take about 20 minutes.

4) This will create a "Unique Calibration" just for the Aurora Art paper that is separate from the Common Calibration described in the section above where you use Canon Pro Luster - so this will only affect the Aurora Art paper and not affect the calibration of other media.

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MEDIA SETTING RECOMMENDATIONS
(if not using am1x media type config files)

Paper	Media Setting	Special
68lb. UltraPro Satin	Plus Semi Gloss	Config file available
UltraPro Luster 300	Pro Luster	Config file available
66lb. Palo Duro Satin	Plus Semi Gloss	Config file available
Arctic Polar Luster – All Weights	Pro Luster	Config file available
Polar Gloss Metallic	Photo Paper Plus Glossy II	Config file available
Polar Luster Metallic	Pro Luster	Config file available
68lb. UltraPro Gloss	Photo Paper Plus Glossy II	Config file available
60lb. & 42lb. Pecos River Gloss	Pro Platinum	Config file available
86lb. & 96lb. Pecos River Gloss	Heavy Photo Paper	Config file available
Premium Matte – All Weights	Heavy Art Paper	Config file available
60lb. Polar Matte / Double Sided	Heavy Art Paper	Config file available
88lb. Polar Matte	Heavy Art Paper	Config file available
60lb. River Linen	Heavy Art Paper	Config file available
Paper Canvas 230	Heavy Art Paper	Config file available
Aurora Art Natural 250 / 300	Heavy Art Paper	Config file available
Aurora Art White 250 / 300	Heavy Art Paper	Config file available
Big Bend Baryta 310	Heavy Photo Paper	Config file available
Palo Duro SoftGloss Rag	Pro Platinum	Config file available
Palo Duro Etching 315	Heavy Art Paper	Config file available
Palo Duro Baryta Fiber 300	Heavy Photo Paper	Config file available
Hanji – Noori & Baram	Japanese Paper	Config file available

Handling Guides
Check our website to see if your paper has a Handling Guide. Guides contain important information and helpful tips. www.redriverpaper.com/guides

Social Media
We would love to check out the art and photos you print on our media! Feel free to send a link to your Instagram, Etsy, Facebook Page, etc with your work - send these links to support@redriverpaper.com

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Help and Support
If you run into problems or questions using our ICC profiles or installing and using am1x media type files on your Pro-1100 then please contact us at support@redriverpaper.com or call us at +1-888-248-8774

Need Larger or More Prints than the Pro-1100 can handle?
If you need to print something larger, or larger volume, than you can print with your Pro-1100, consider contacting one of the Print Services Providers on this page:
https://www.redrivercatalog.com/rr/print-service-providers.html

They use our media for printing, and many of them have the Pro-2600, Pro-4600 or Pro-6600 printers which use the exact same inks as the Pro-1100, so that you can get large prints that very closely match your own.

Very Technical Information
We have lots of info and several great resources available for our very technical customers. If you are not very technical feel free to skip over this info.

Each of the am1x files in this set have been carefully adjusted for optimal ink density and head height for the media. ICC profiles were created against these custom media types density settings, so using our am1x media types will help ensure your colors are as accurate as possible when using our ICC profiles.

Each of the ICC profiles in this set were created from massive 4000-color patch sets that are unique to, and optimized for, each of our papers individually. If you calibrate your printer using Canon Pro Luster (and optionally Aurora papers separately) as described in the Calibration section above then its highly unlikely that custom profiles will outperform the ones we are supplying, in terms of accuracy.

All profiles in this set were created using m1 measurement mode. This is the current FOGRA recommendation, and our own internal testing suggests this is the mode that is best suited for general purpose use when the end client's viewing conditions cannot be known.

We invite our technically savvy users to join our Discord chat server at http://redriverpaper.com/chat where many of our more technically inclined and commercial customers share information and we post things such as pre-release and experimental ICC profiles and discuss topics like color science, printer calibration, etc.

If you are a print shop using our media, consider joining our Print Services Provider List:
https://www.redrivercatalog.com/rr/print-service-providers.html