



Using an ICC Profile

1. First you need to copy the ICC profile to the appropriate folder on your computer.

On the Mac - The file will be encoded in sit format so you need to use stuffit expander to “unstuff” the ICC profile. Copy the ICC profile (the icon with the 4 color squares) to the colorsync profiles folder located in your system folder on your main hard drive. Or if you are on OSX the file needs to be copied into the Library\Colorsync\Profiles folder.

- Mac OS 9.x: Systems Folder/ColorSync Profiles
- Mac OS X: /Users/<username>/Library/ColorSync/Profiles, for users without Admin privileges.
- Mac OS X: /Library/ColorSync/Profiles, allows all users to use the profiles.

On the PC - In your color folder located in your operating system’s system folder.

- Windows 98/ME: /Windows/System/Color
- Windows XP: /Windows/system32/spool/drivers/color
- Windows NT/2000 or XP upgrade from NT/2000: \Winnt\system32\spool\drivers\color

The easiest way to install a profile in Windows XP/2000 is to right click on the profile and select “install profile”. Windows copies the profile to the correct directory automatically. **Important note:** If you are replacing a profile in Windows XP/2000, the above shortcut does not work. The original profile must be uninstalled by right clicking on the original profile and select “uninstall profile” manually copied to the correct directory for the original profile to be replaced.

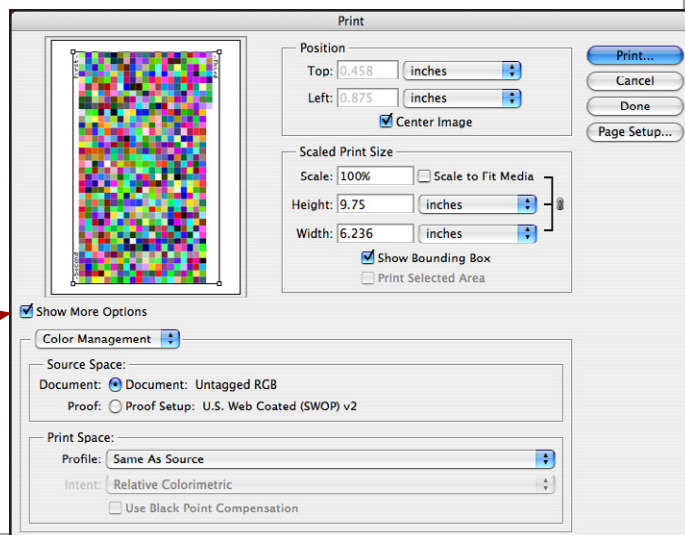
2. Open the application you want to print from. In the following instructions we will use a Photoshop - Epson printer driver scenario. Basically the theory here is to print your file exactly as you printed the targets to create the profile with one exception. (If you did not print targets and you are getting a “canned” profile from Booksmart Studio follow the instructions below).

3. (*For those with custom profiles only*). If you created your personal ICC profile, you must follow the workflow you utilized while creating the profile targets. If you change even one button it will alter your color. The only thing you need to change in your workflow, is to choose your profiles rather than using Same As Source, Step 10.

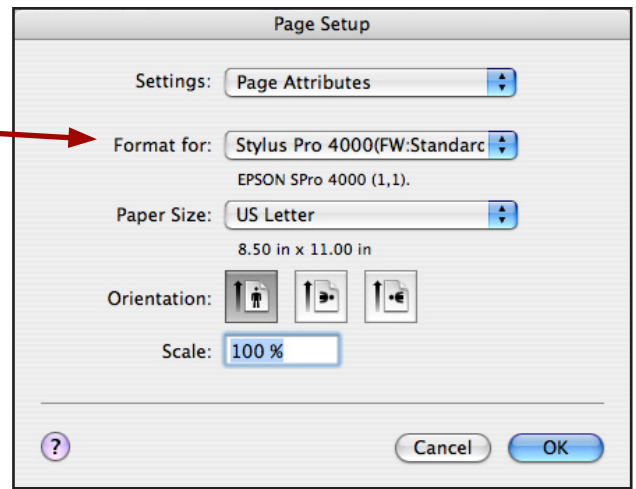
4. Launch Photoshop and check your color settings, RGB setting should be Adobe RGB (1998)

5. Make all image corrections/manipulations desired and save file before printing.

6. Go to File...Print (If in Photoshop 7, CS, or CS2 - Choose Print with Preview and make sure the show more options box is checked and in the drop-down choose color management).



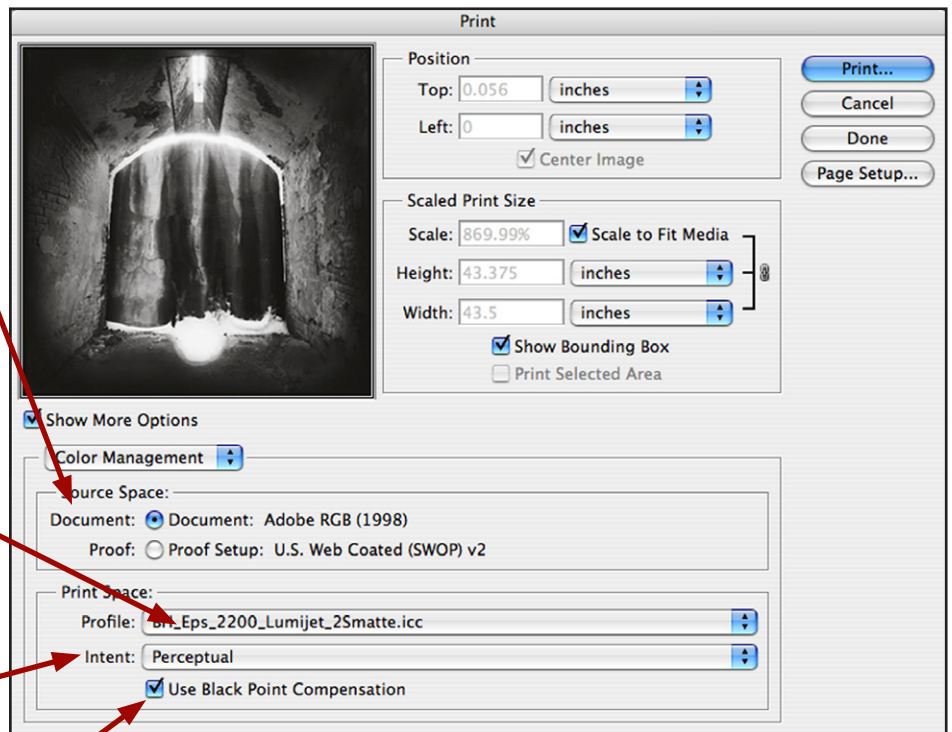
7. Go to Page Setup and choose your correct printer and page size.



8. Click OK, this will take you out of the page setup.

9. In the Color Management tab in Print with Preview, make sure Source Space is clicked on Document.

10. In the selection labeled-Print Space, choose the custom/canned icc profile we provided for the paper you are using. It will begin with the letters BS_, Page 4 has an index of the ICC profiles for each Innova paper. *Note: If you do not choose an ICC profile here you are not utilizing ICC profiles, unless you have converted to profile(not recommended) within Photoshop.*



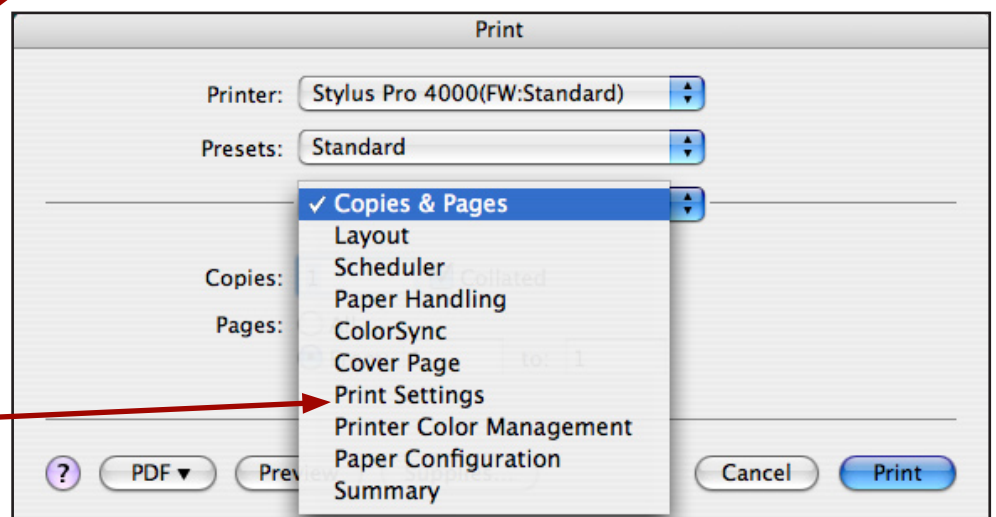
11. Rendering Intent should be set to Perceptual.

12. Turn Black Point Compensation On.

13. Click on Print.

14. Choose the correct printer.

15. Click on the tab that reads Copies & Pages, go to Print Settings.

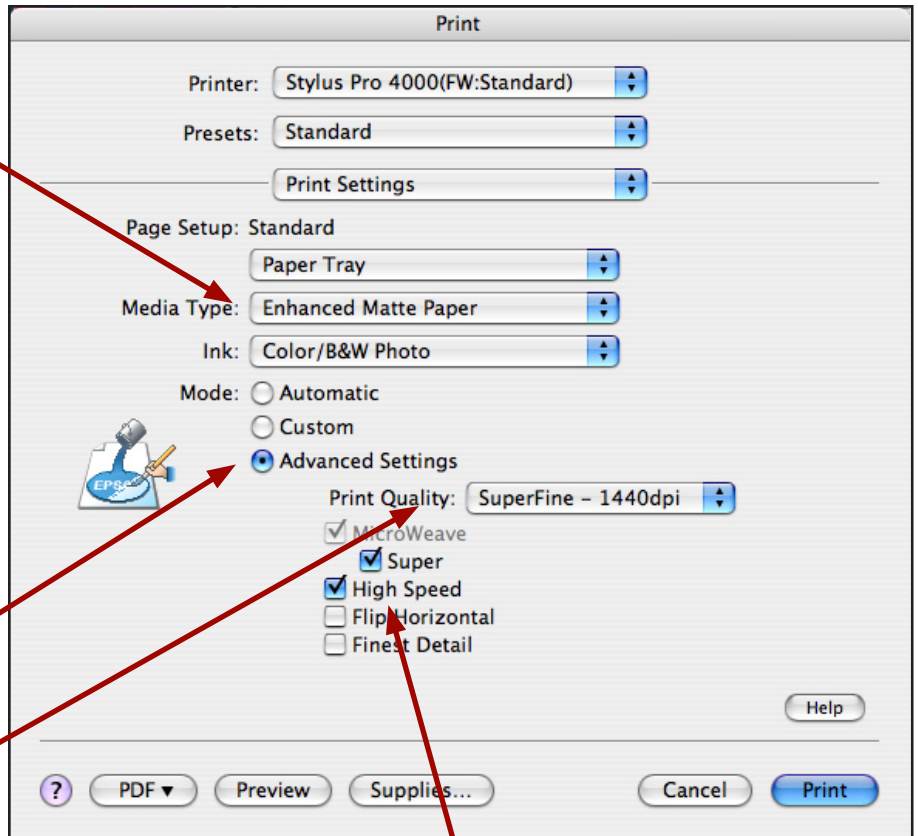


16. Choose the media type that you believe is closest to the substrate/ paper you are using. Choose the media type that you used to print the targets. If you didn't print the targets and this is a "canned" profile from us than your Booksmart Rep. will tell you which media type to choose (or sometimes the media to choose it at the end of the ICC profile name). **An index for media settings on the Innova papers is included on Page 4.** *These are the media settings we used while creating the profiles.*

If you are unsure, please e-mail profiles@booksmartstudio.com.

17. Click on Advanced Settings.

18. Choose the resolution you wish to use. Booksmart Studio does not recommend anything higher than 1440 for matte or fine art papers. *Do not print any paper using a resolution lower than 1440.*

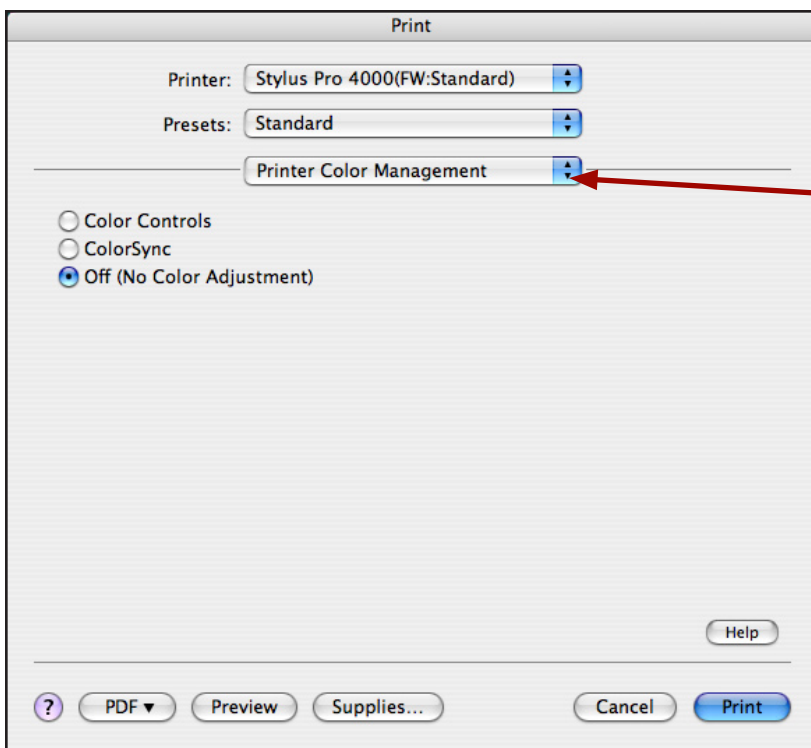


19. Choose whether you wish to use High Speed printing (Bidirectional printing) or not.

20. Go to the Print Settings tab and go to Printer Color Management.

21. **Very Important!** Make sure in the color management properties window (the Epson advanced properties window) that the "No Color Adjustment" option is selected. **Special Note:** PC Users, this option is found under the ICM option in the print settings dialog box.

22. Click Print.



Quick Steps

1. Print Space: **Pick the appropriate ICC Profile here.**
Intent: Perceptual
Black Point Compensation: On
2. Set your Media Type
3. Resolution 1440 or 2880 (Booksmart does not recommend printing on fine art or matte papers at 2880)
4. No Color Adjustment
5. Print

Troubleshooting

Typical errors with Ultrachrome printer

Dark green images—ICC profile was never assigned, make sure you are no longer using “Same as Source.”

Light magenta—Image was double profiles, you may have converted to profile and then assigned it once again in the Print with Preview dialog box.

Magenta with lines—Media type was set to Plain paper.

VERY COMMON!!!!

Images has banding or color is off—Make sure you do NOT have any clogged nozzles, run the Nozzle Check before printing images. Dirty nozzles will result in banding similar to that of printing at 720dpi. If you run the test prints with clogged nozzles it will throw off your color once they are unclogged.

| Printer | Innova Paper | Media Type Setting | Profile Name |
|-------------------------|----------------------|-----------------------|------------------------------|
| Epson 4800-matte black | Innova Smooth Cotton | Enhanced Matte | BS_Eps_4800_MK_In_Sm_Cotton |
| | Innova Soft Texture | Enhanced Matte | BS_Eps_4800_MK_In_Soft_Text |
| | Innova Fiba Art | Ultra Smooth Fine Art | BS_Eps_4800_MK_In_Fiba |
| | Innova Cold Press | Textured Fine Art | BS_Eps_4800_MK_In_Cold_Press |
| Epson 2200- Matte black | Innova Smooth Cotton | Enhanced Matte | BS_Eps_2200_MK_In_Sm_Cotton |
| | Innova Soft Texture | Enhanced Matte | BS_Eps_2200_MK_In_Soft_Text |
| | Innova Fiba Art | Enhanced Matte | BS_Eps_2200_MK_In_Fiba |
| | Innova Cold Press | Watercolor | BS_Eps_2200_MK_In_Cold_Press |
| Epson 4000 | Innova Smooth Cotton | Enhanced Matte | BS_Eps_4000_MK_In_Sm_Cotton |
| | Innova Soft Texture | Textured Fine Art | BS_Eps_4000_MK_In_Soft_Text |
| | Innova Fiba Art | Ultra Smooth Fine Art | BS_Eps_4000_MK_In_Fiba2 |
| | Innova Cold Press | Textured Fine Art | BS_Eps_4000_MK_In_Cold_Press |
| Epson 9600 | Innova Smooth Cotton | Enhanced Matte | BS_Eps_9600_MK_In_Sm_Cotton |
| | Innova Soft Texture | Textured Fine Art | BS_Eps_9600_MK_In_Soft_Text |
| | Innova Fiba Art | Enhanced Matte | BS_Eps_9600_MK_In_Fiba |
| | Innova Cold Press | Textured Fine Art | BS_Eps_9600_MK_In_Cold_Press |

Epson Media setting for Innova profiles.