

Focoltone Intelligent Color Calibration System 2.1

Quick Start Guide

A. CHECKLIST FOR INSTALLATION

Please have the following items ready **BEFORE** performing the installation.

No	Actions	Remarks
1	Perform test print from designated printer using a PostScript driver .	Please install a PS driver for the designated printer, if there is none.
2	Perform a test scan from Adobe Photoshop>File>Import at 300dpi, A4 size, and write down EXACT scanner name from File>Import in Adobe Photoshop (e.g. ScanJet...)	Scanner Name: _____
3	Note rotation angle required for scanned image to appear upright and landscape on screen.	<input type="checkbox"/> 0° <input type="checkbox"/> 90° CW <input type="checkbox"/> 90° CCW <input type="checkbox"/> 180°
4	Installation Code - found with installation CD	Installation Code: _____
5	Registration Key - obtainable by registering your software copy at www.focoltone.com/register.html	Registration Key: _____
6	Printer's default ICC profile or system's ICC profile - from printer driver installation CD or system's color management folder (e.g. WINNT\system32\spool\drivers\color in Windows or System:Library:ColorSync:Profiles in Macintosh)	
7	Set Adobe Photoshop's working profile to the same as input ICC profile. In Photoshop, select Edit>Color Settings (Photoshop>Color Settings for Mac OS X). Under Working Spaces, Click on CYMK drop-down list to select the input ICC profile. If the ICC profile is not in the list, select Load CMYK... to find it. After that, please disable all the Color Management Policies.	See A-6 for input ICC profile
8	For Macintosh OS 9.x ONLY <ul style="list-style-type: none"> • <input type="checkbox"/> Please set the preferred memory size to 150000K for <input type="checkbox"/> Photoshop. (Select the Photoshop application, hold down <input type="checkbox"/> APPLE and I key to launch Photoshop Info dialog box, <input type="checkbox"/> select Memory from the Show pull-down menu, set the Preferred Size to minimum 150000K.) • <input type="checkbox"/> Please select the PostScript printer from Chooser, and <input type="checkbox"/> write down the EXACT printer name. 	PostScript Printer Name: _____

B. INSTALLATION

No	Actions	Remarks
1	Insert Focoltone ICCS CD	
2	Select Mac or Win folder as per your operating system	
3	Click ICCSinstall for Mac or Setup.exe for Win	
4	Enter Installation Code: Mac: <input type="checkbox"/> key into Password field Win: <input type="checkbox"/> key into Serial field	See A-4 for Installation Code
5	Choose Plug-in location: Mac: <input type="checkbox"/> Select Adobe Photoshop program folder <input type="checkbox"/> For example: Harddisk:Applications:Adobe Photoshop: Win: <input type="checkbox"/> Select Adobe Photoshop Plug-ins folder <input type="checkbox"/> For example: C:\Program Files\Adobe\Photoshop\Plug-Ins	

C. FOCOLTONE ICCS SETTINGS

No	Actions	Remarks
1	In Adobe Photoshop, select File>Automate>Focoltone ICCS	
2	Enter Registration Key only for the first time	See A-5 for Registration Key

3	<p>Click Options for proper set-up every time you start a calibration process. In Windows, Options is under the Setting menu.</p> <ul style="list-style-type: none"> • Mode: Automatic (recommended) • Paper type: A4 • Orientation: Landscape • Scan software: if not Fiery Scan or TWAIN_32, key in exact scanner name as described in A-2 earlier • Scanned Image Rotation: set as described in A-3 earlier • Color Adjustment: Normal (recommended) • Via: ICC Profile (recommended) and/or Output Curve • Color Output Verification: select one or both options 	<ul style="list-style-type: none"> • See A-2 for other scanner name. • See A-3 for Scanned Image Rotation setting.
4	<p>At ICCS Options, click Printer to configure ICCS Setting</p> <ul style="list-style-type: none"> • Name: User or company name • Printer: select printer to calibrate • Date of First Use: enter date • Serial number: enter Focoltone Calibration Chart serial number • Setting: enter setting name (max 27 characters) <p>Generated ICC profile will appear as <settingname>.icc</p> <p>Recommended: Create a different setting name every time you start a new calibration process. You can differentiate the setting name by printer, paper, dpi, date and time for easy reference.</p> <ul style="list-style-type: none"> • Input ICC profile: select as described earlier in A-6 	<p>For Macintosh OS 9.X, see A-7 for printer name.</p> <p>E.g. Printer1_Gloss300_310104_01</p> <p>See A-6 for location of input ICC profile.</p>

D. FOCOLTONE ICCS OPERATION

No	Actions	Remarks
1	Click Print Test Sheet . Set paper size as A4 and Landscape orientation for printing.	
2	Compare Test Sheet with Focoltone Calibration Chart. Place both sheets together on the scanner and click Scan Composite Sheet to launch scanner program. Ensure the composite sheet is scanned entirely with 300dpi in A4 size.	Adhere Test Sheet to Chart using the Blu-Tack provided.
3	Return to ICCS control panel and click Analyze Color Characteristics . ICCS automatically analyzes colors between Test Sheet and Calibration Chart, proceeds to Adjust Color with Artificial Intelligence techniques and shows up the NCC Chart and/or Comparison Chart under Verify Color Output .	
4	Close the charts and click Print Test Sheet again. Compare second Test Sheet with Calibration Chart to verify improved colors after adjustment.	Repeat D-2 to D-4 if not satisfied with the result.
5	Click Apply to generate the ICC profile and/or Output Curve if satisfied with improved results. Best Practice: One to three calibration cycles should normally get you the most optimum results from your printer.	See the cycle number on the top-right corner of ICCS control panel.
6	<p>You can now use the generated ICC profile (<settingname>.icc) or Output Curve (<settingname>.atf) found in the DATA folder of the ICCS program directory for color printing.</p> <p>Three ways to apply ICC profile:</p> <ul style="list-style-type: none"> • Via the RIP or PostScript driver • Via the operating system's color management module e.g. ColorSync for Macintosh or Image Color Management for Windows • Via the graphics application e.g. Adobe Photoshop, Illustrator, PageMaker, InDesign, QuarkXpress or Macromedia Freehand 	<ul style="list-style-type: none"> • See C-4 for <settingname>. • See user manual for more information on how to apply the ICC profile.

Focoltone Technical Support

Website: <http://www.focoltone.com/focoltone/html/support/support.html> for latest FAQ, Troubleshooting Guide, patches and products

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