

BabelColor PatchTool
Version 7.2.0 - Freeware (for macOS)

Thank-you for your interest in this BabelColor product!

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1- UNINSTALL ANY PREVIOUS VERSION

For proper operation of PatchTool, you should first remove any previously installed version.

NOTE: Before uninstalling a version which required a Product Key, you should first open PatchTool, deactivate the license, and then close the program. Please consult the Activation/Deactivation section of the old version manual for help on performing this operation. If you are unable to deactivate, just close PatchTool.

To uninstall an old version, drag the "BabelColor PatchTool" application folder to the "Trash" can. This folder should be located in the Mac "Applications" folder, located at the root level of your System hard disk.

A shortcut to the "Applications" folder can normally be found in any folder "Sidebar" (unless the user has removed it). If required, you can enable the folder sidebar by selecting the Finder's "View/Show Sidebar" menu.

NOTE: The exact "BabelColor PatchTool" application folder name depends on the version installed: "BabelColor PatchTool", "BabelColor PatchTool (Intel)", "BabelColor PatchTool (Universal)" "BabelColor PatchTool 32 bit", or "BabelColor PatchTool 64 bit".

2- PROGRAM INSTALL

IMPORTANT: You should not install two versions of PatchTool at the same time on a given computer. Please consult Section-1 to uninstall.

ESSENTIAL: For proper operation make sure that "Allow apps downloaded from: App Store and identified developer" in the Security & Privacy control panel is selected BEFORE you download the install file.

IMPORTANT: The program is packaged in a "disk image", a file with a *.dmg extension. The program and disk image are digitally signed by an "identified developer" (i.e. BabelColor). The disk image name is "PatchTool_Mac_Vxxx-64" where "Vxxx" is the program version and "-64" identifies it as a 64 bit version. The downloaded file can usually be found in the Mac "Downloads" folder unless you specifically saved it elsewhere.

Open the disk image with a double-click. All program files are contained in a single folder named "BabelColor PatchTool".

Drag the "BabelColor PatchTool" folder from the disk image to the Mac "Applications" folder.

IMPORTANT: DO NOT PLACE THE "BabelColor PatchTool" FOLDER OUTSIDE OF THE MAC "APPLICATIONS" FOLDER! If you place the folder elsewhere, this will be detected by the Mac Gatekeeper and the program may not work properly.

You can now close/eject the disk image. We strongly recommend keeping the disk image in order to reinstall the program at a later time. You should also do an external backup of the disk image in case of a computer failure.

Note: A shortcut to the "Applications" folder can normally be found in any folder "Sidebar" (unless the user has removed it). If required, you can enable the folder sidebar by selecting the Finder's "View/Show Sidebar" menu.

To start the program, double-click on the PatchTool application icon. For faster access, you can drag the PatchTool icon to the "Dock"; this will create an alias which will provide a one-click access to the PatchTool application.

The folders and files in the "BabelColor PatchTool" application folder are:

FOLDERS:

characterization-data: A folder with reference and characterization data files for many print standards (Idealliance, CGATS21, ISO 12647, ISO 15339, FOGRA, and others).
correction-matrices : A folder with Color Correction matrices for various display + instrument combinations.
i1d3 Support Files : A folder which contains the calibration matrix files for the i1Display Pro. This folder and the files it contains should not be moved or modified.
Illuminants : A folder with files of standard PatchTool Illuminants and Standard CIE Illuminants with 5 nm and 10 nm bandwidth spectral data.
Profiles : A folder which contains ICC profiles used by PatchTool. The profiles can also be used in other programs; however, this folder and the files it contains should not be moved or modified.
sample_files : A folder which contains color list files used in the Help manual, in some Application Notes, and files with fixed RGB and L*a*b* steps.

FILES:

PatchTool : The main program
PatchTool_Help.pdf : The help file in PDF format
PatchTool Readme.txt : This file

3- PROGRAM ACTIVATION AND DEACTIVATION

IMPORTANT: You should not install two versions of PatchTool at the same time on a given computer. Please consult Section-1 to uninstall.

In PatchTool free version there is no need for the user to activate or deactivate the software since all features are enabled by default.

4- OPENING THE PDF HELP FILE

The Help file can be opened from the PatchTool application via the "Help" Menu. It can also be opened by double-clicking on the "PatchTool_Help.pdf" file located in the "BabelColor PatchTool" folder.

The Help can be opened with "Preview", "Acrobat Reader", and any application which can read pdf documents.

Preview is installed with macOS.

The free Acrobat Reader application, from Adobe, is available at the following Web site:

<https://www.adobe.com/acrobat/pdf-reader.html>

5- BABELCOLOR CT&A COLOR DECKS DATABASE FORMATS

PatchTool can be used to add or remove color chips collections, also called Color Decks, from the BabelColor Color Translator and Analyzer (CT&A) application database (the ColorDecks_R2.bbd file). This is done via PatchTool's "BabelColor CT&A Export" tool. Please consult the PatchTool Help manual for more information on how to perform this task.

NOTE: Up to Version 3.0.0 of BabelColor CT&A, the file name for the Color Decks database was "ColorDecks.bbd". Starting with BabelColor CT&A Version 3.1.0, the database name is "ColorDecks_R2.bbd".

WARNING: DO NOT CHANGE THE OLD CT&A DATABASE FILE NAME TO THE NEW NAME! If you do so, the Munsell Deck, as well as conversions to the Munsell space, will be less precise in BabelColor CT&A.

NOTE: The file format for the Color Decks database has been changed in Version 2.7.0 of BabelColor CT&A. The new format is not compatible with the format used in previous versions of BabelColor CT&A. The first PatchTool version which supports the new database format is 1.1.1.

6- COMPATIBILITY WITH X-Rite i1Profiler AND OTHER X-Rite SOFTWARE

If you installed software from X-Rite, such as i1 Profiler, which comprises the "X-Rite Device Services" program, you may receive a message to the effect that the i1Pro (any model) is not connected when you click on the "Info" button of the Display-Check, Display-Reader, and Patch-Reader windows. Assuming that your instrument is indeed connected, first check if the i1Profiler program from X-Rite is opened, and, if opened, close it, since PatchTool cannot be used at the same time.

Early versions of i1Profiler provide a control panel named "X-Rite Device Services", which is used to assign/unassign instruments to X-Rite software. The latest versions of i1Profiler still include "X-Rite Device Services" but do not include a control panel, and instrument assignment is performed dynamically when opening an X-Rite program.

If using an early version of i1Profiler, open the "X-Rite Device Services" control panel, located in the System Preferences, and DESELECT the i1 (Eye-One) in the panel; this will make the instrument available for PatchTool. Please note that changes in the X-Rite control panel can be done while PatchTool is opened. You should then be able to connect the instrument by selecting "Try to connect again..." in the "Instrument" menu. The early versions of i1Profiler may also open one or more dialogs asking if you want PatchTool to take ownership of the i1 peripherals; please answer "Yes" to the question(s).

"X-Rite Device Services" is dedicated to X-Rite programs and is not under PatchTool's control; any problem related to its use should be directed to X-Rite.

If the above fails, disconnect and reconnect the instrument, then select "Try to connect again..." in the "Instrument" menu.

Note: PatchTool should be used with only one Eye-One/i1Pro/i1Pro 2 connected at a time and only one i1Pro 3 at a time. You can however connect one Eye-One/i1Pro/i1Pro 2 in addition to one i1Pro 3 and one i1Display Pro since these instruments use different drivers.

7- COMPATIBILITY WITH SOFTWARE WHICH CONNECT TO THE SAME INSTRUMENT

It is not recommended to run, at the same time, two programs which connect to the same instrument! For example, this means that you should not make i1Pro measurements with PatchTool while running X-Rite's i1Profiler, or vice-versa.

8- TRADEMARKS

BabelColor is a registered trademark, and PatchTool is a trademark of Danny Pascale and the BabelColor Company.

DTP94 (MonacoOPTIX) is a brand of colorimeters sold by X-Rite Incorporated. MonacoOPTIX is a trademark of X-Rite.

Eye-One (i1) is a brand of colorimeters (Eye-One Display, Display 2, i1Display Pro) and spectrophotometers (i1Pro, i1Pro 2, i1Pro 3, i1Pro 3 Plus, Eye-One Monitor) sold by X-Rite.

Eye-One (i1) is a trademark of the GretagMacbeth Company (owned by X-Rite).

Spyder2, Spyder3, Spyder4, Spyder5, and SpyderX are brands of colorimeters sold by Datacolor. Datacolor and Spyder are registered trademarks of Datacolor Holding AG.

X-Rite is a registered trademark of X-Rite Incorporated.
