Catalyst Prepare Plugin

for Blackmagic Design DaVinci Resolve

(Ver.2.1.0)
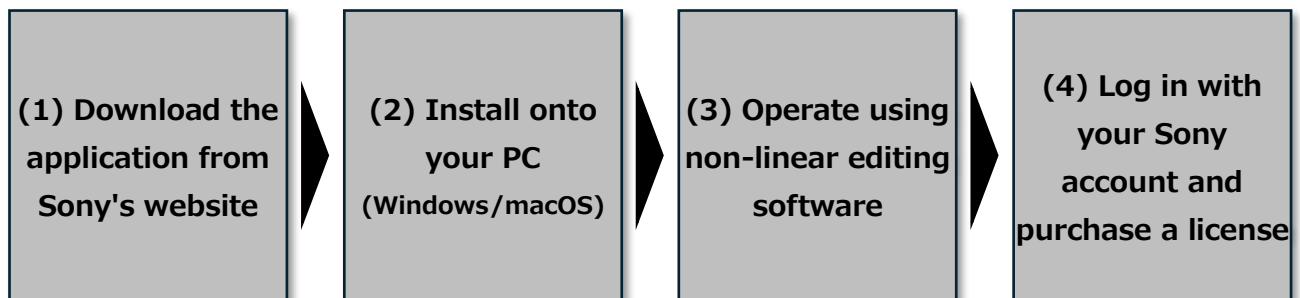
Quick Start Guide

■ Introduction

Catalyst Prepare Plugin for Blackmagic Design DaVinci Resolve is a powerful image correction tool that enables the use of image correction functions such as Lens Compensation and image stabilization, as well as the Color Adjustment function found in Catalyst Prepare, directly on Blackmagic Design DaVinci Resolve. This guide explains the steps for use, from preparation to correction operations.

■ Steps Before Usage

You can easily start using the plugin in 4 steps. First, you can test it for free, and then use it without restrictions through a paid subscription.

| **(1) Download the application from Sony's website** | **(2) Install onto your PC (Windows/macOS)** | **(3) Operate using non-linear editing software** | **(4) Log in with your Sony account and purchase a license** |

* Refer to the "Release Notes" on the Sony HP Catalyst download page for information on PC system requirements and supported versions of the editing software. The URL for "① Download Application" is written in the next section.
* When using it for free, watermarks may be added to some functions after correction output.

① Download Application

Access the Sony homepage and download the app according to the OS you are using.
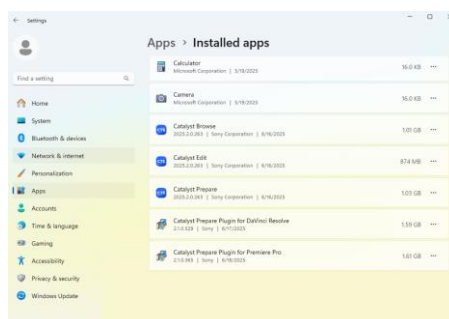Check your PC system requirements as well.
Link: https://www.sony.net/catalyst/download?cid=hlp-tutorial-davinci1

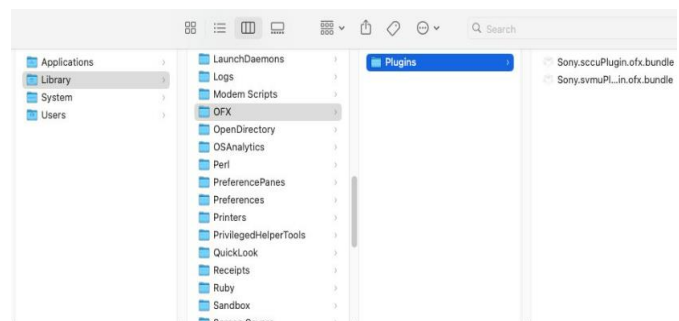Sony Catalyst site download/Purchase page

② Install onto your PC (Windows/macOS)

Use the installer to run the installation. Follow the steps provided by the installer.
After completion, confirm that the application is installed on your PC.
   - For Windows: Check the list via "Apps" → "Installed apps".
   - For macOS: you can check via "Library > OFX > Plugins".

For Windows, check via "Apps"

For macOS, check via macOS Finder

③ Operate using non-linear editing software

Finally, we will now begin the actual correction process. The functions of this plugin can be used with video clips shot with Sony cameras. Be sure to import the filmed clips into the project of your non-linear editing software beforehand.

For the first use, ensure that your PC is connected to the internet. In addition, make sure to conduct a functionality test using a test project before applying it to your main editing project.

Note that the screen image descriptions that follow may vary in positioning based on individual user display settings.
If an error has occurred during the process, refer to the FAQ for troubleshooting.

Support site: https://www.sony.net/catalyst/help
Operation manual: https://www.sony.net/catalyst/manual

3-1. Applying Effects to Clips on the Timeline

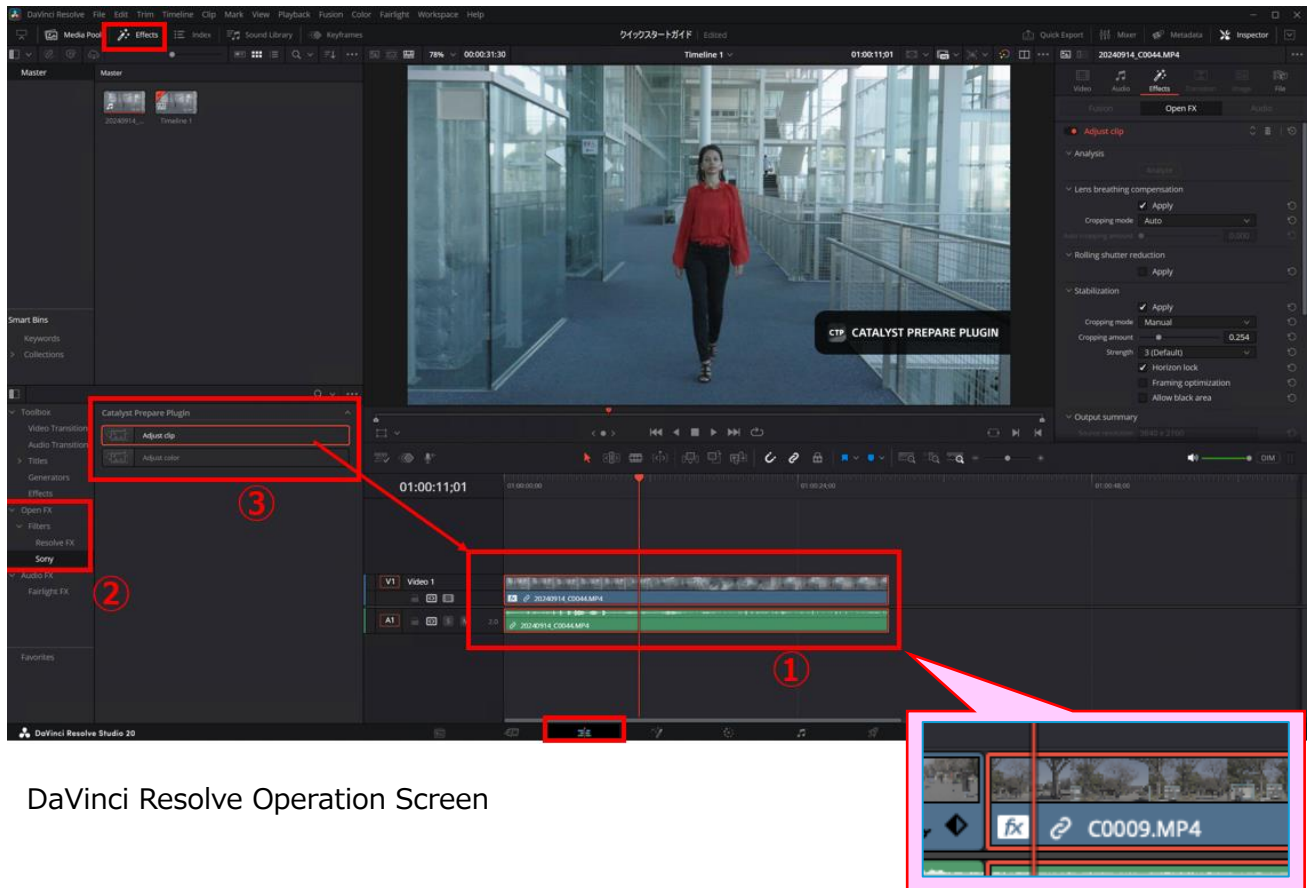First, apply the Catalyst Prepare Plugin effects to the clips.

1. In the "Cut" section of DaVinci Resolve, arrange the clips shot with your Sony camera on the Timeline.
2. Then, switch to the "Edit" screen. The screen switch option is located at the bottom. Select the "Effects" tab, then navigate to "OpenFX" and choose "Sony" followed by "Catalyst Prepare Plugin".
    The following plugins are available:
       Adjust Clip: Allows for stabilization and other video adjustments.
       Adjust Color: Apply embedded LUTs and adjust the exposure within the clip.
3. Drag and drop the desired plugin menu onto the clip on the Timeline. An "FX" logo will be added to the timeline.
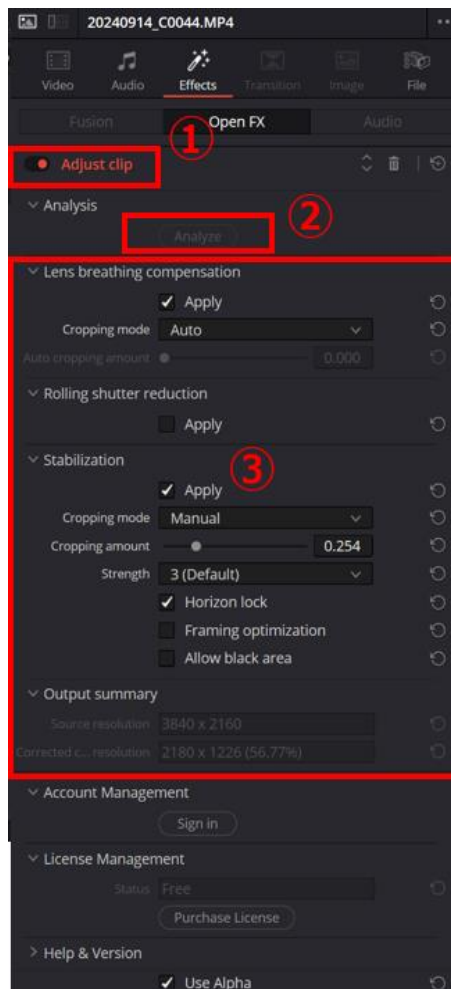
DaVinci Resolve Operation Screen

An "FX" logo will be added after completion

3-2. Adjusting Effects

Adjust the effects on the clip to which the plugin has been applied, then apply the effect. The Catalyst Prepare Plugin is characterized by its fast correction processing. The high-speed correction processing allows for smooth changes to the setting values. Experience a high degree of freedom in refining the video to your liking.

1. When you select "Effects" → "OpenFX" in the "Inspector" panel, the adjustment screen for Catalyst Prepare Plugin will be displayed. Enable Adjust Clip. * 1
2. Select the item you want to correct and press "Analyze". Once the analysis is complete, the correction effect will be applied.
3. You can adjust the correction values for the functions you are using. Depending on the function, a re-analysis may be required.
   In such cases, press "Analyze" again in step 2.

Effects Operation Screen

*1: In Blackmagic DaVinci Resolve 19.1.1 and later, inputting the file path is no longer required.

< Introduction of Main Functions >

 * Check the Help Guide for details. You can access help from the "Version & Help" section at the bottom of the Plugin screen.
 * Please refer to the homepage for the target models of each function.

Adjust Clip	Lens breathing compensation	Corrects the phenomenon where the angle of view or focal length of a lens changes when the focus is adjusted.
	Lens distortion compensation	Corrects lens distortions introduced during shooting (X-OCN format only)
	Rolling shutter reduction	Corrects and reduces rolling shutter distortions caused by camera movements.
	Stabilization	Corrects the shake (camera shake) that occurs during handheld shooting, reducing the shakiness in the footage. In this version, we have newly added a function to adjust the intensity of the stabilization and a framing optimization function.
	Horizon lock	Corrects tilted images to keep them level.
Adjust Color	Adjust color	Apply embedded LUTs and adjust the exposure within the clip. The following can be selected in EI mode. Metadata: The exposure metadata is automatically applied based on the camera settings. Manual: Manually set the exposure. The exposure of the entire clip can be adjusted. Off: Turn off exposure adjustments. The original sensitivity will be applied as is.

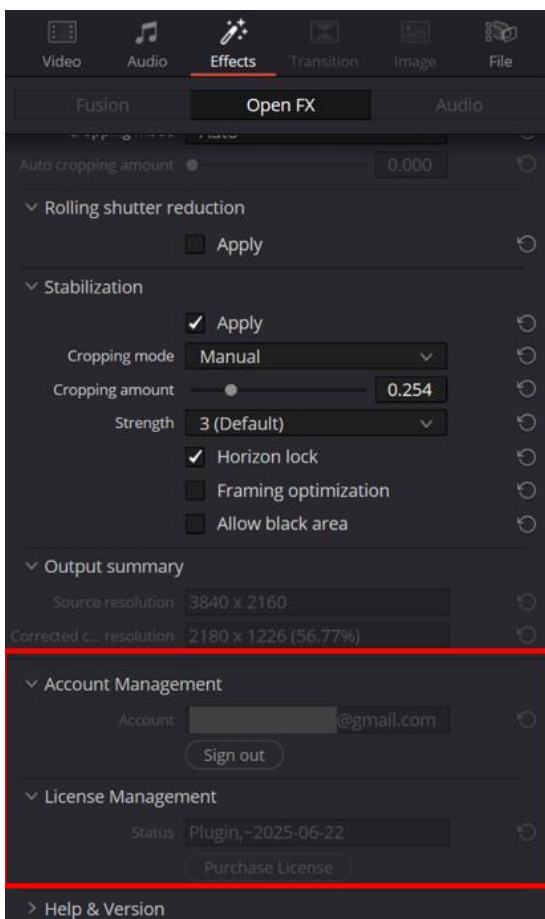# ④ Log in with your Sony account and purchase a license

Were you able to successfully correct your clips? We hope you experienced high-speed, high-precision correction processing.

Please consider purchasing a license to use the full functionality. You can access the license purchase site from the plugin while connected to the network.
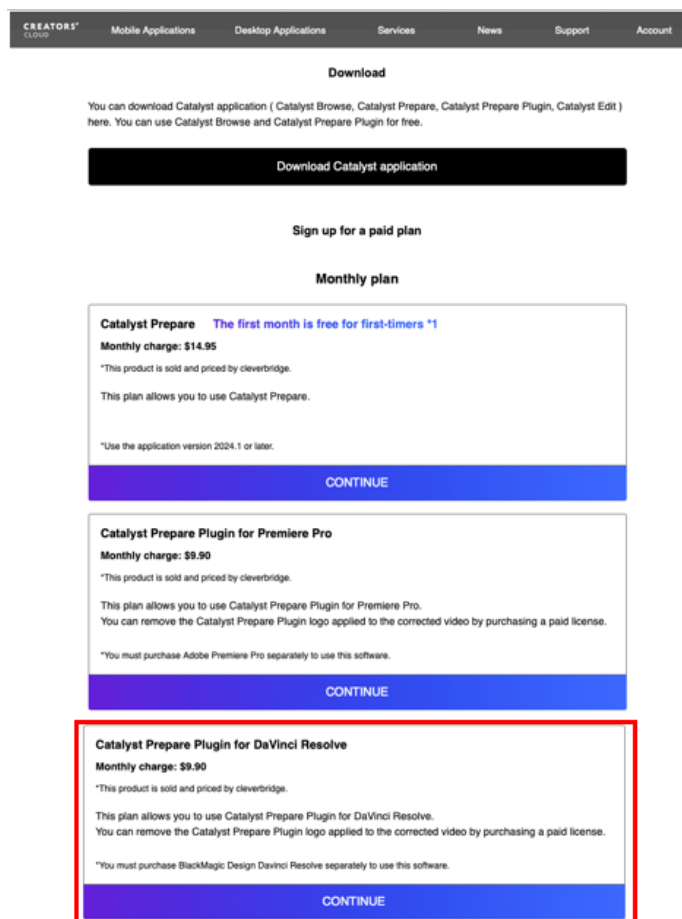
We offer two subscription plans: the "Monthly Plan," which allows you to subscribe on a month-by-month basis, and the "Annual Plan," which offers a discount for more economical use.

Paid usage subscription site URL:

https://creatorscloud.sony.net/app/plans-purchase-catalyst?cid=hlp-tutorial-davinci1

Manage account and licenses

Catalyst purchase page

■ Troubleshooting

If a problem occurs during usage, check the site below. There may be solutions listed.

■ Q&A and Support Team Contact Information
https://www.sony.net/catalyst/help

We hope you enjoy the Catalyst Prepare Plugin!