Filmworkz®
Create Incredible

DVO CHROMA

USER GUIDE

WHAT DOES IT DO?

DVO Chroma is designed to enhance and resolve various chroma (color) anomalies found in source material. Some of the issues it addresses include:

- Chroma bleeding in video material: This refers to the unwanted spreading or bleeding of colors in video content, resulting in distorted or smudged color boundaries.
- Chromatic aberration and similar camera lens issues: These are optical defects that occur when different colors do not focus at the same point, causing color fringing or blurring along edges in the image.
- Color artifacts due to bayering defects: Bayering is a process used in digital image sensors, and defects in this process can lead to color artifacts or inaccuracies in the captured image.

DVO Chroma provides solutions to these anomalies, aiming to improve the overall quality and accuracy of color representation in the source material.

HOW DO YOU USE IT?

DVO Chroma works on the following platforms:

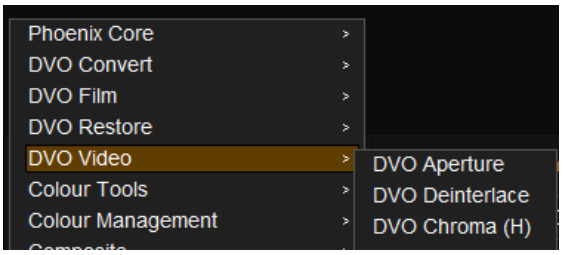
PHOENIX NUCODA LOKI OFX DVO

MEET JUNO

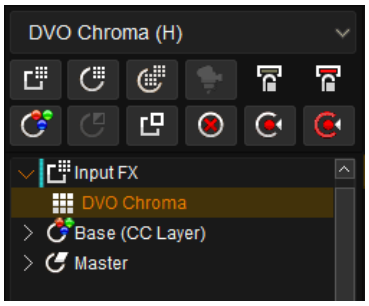
If you're already a Filmworkz veteran, you can jump right in and use **DVO Chroma** however if you need a hand with anything, our friendly AI assistant Juno is your first port of call. Whether it's guidance with DVO tools, help getting started in Phoenix, Nucoda or Loki, access to the latest versions or discovering best practices, **Juno**'s here to offer instant, accurate support, any time you need it - that's 24/7 because **Juno** never sleeps!

GETTING STARTED

1. Launch your platform on your workstation.
2. Locate the toolbar, (positioned on the left-hand side of the interface)



3. Scan the toolbar options until you find the **DVO Chroma** tool.



4. Click on it and the control panel under appears:

CONTROL PANEL EXPLAINED

PARAMETERS

STRENGTH

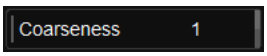
To control the level of processing performed by DVO Chroma, you can adjust the strength setting. Even with a strength setting of 0, the tool will still apply some processing, albeit at a minimal level.

When dealing with debayering artifacts, it's recommended to try a very low setting, such as 0.0 or 0.01. This allows for subtle processing to address the artifacts without introducing excessive alterations to the image. Experimenting with different strength settings can help find the optimal balance between artifact removal and preserving the natural appearance of the footage.

Values: 0 – 1

Default: 0.1

COARSENESS



The parameter **Coarseness** in DVO Chroma determines the size of the filter used for processing. It's important to exercise caution when adjusting this parameter and use it primarily for addressing significant chroma defects that are relatively large.

Applying a larger filter size through the "Coarseness" parameter can be effective in tackling prominent chroma anomalies. However, it is recommended to avoid excessive adjustments that might overreach and impact smaller details or introduce unintended artifacts.

Values: 1 – 3

Default: 1

WANNA KNOW MORE?

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SALES