

**DVO**

# SHARPEN

**USER GUIDE**

# WHAT DOES IT DO?

**DVO Sharpen** is an advanced sharpening tool that greatly enhances out-of-focus shots.

It uses adaptive picture analysis and processing to yield excellent results without the common side effects associated with standard algorithms (such as amplified grain, noise, or halos around areas that were already sharp).

# HOW DO YOU USE IT?

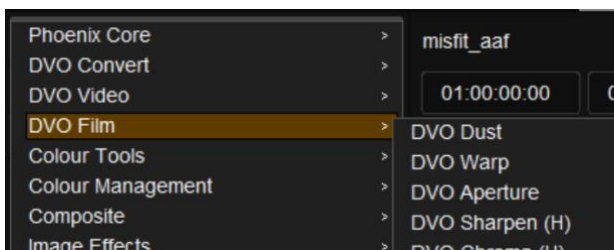
**DVO Sharpen** works on the following platforms:



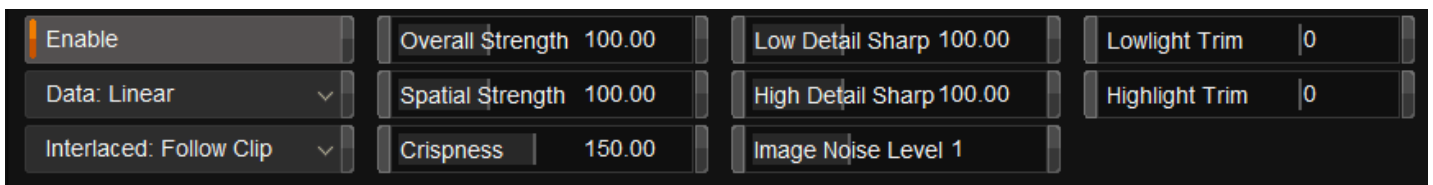
If you're already a Filmworkz veteran, you can jump right in and use **DVO Sharpen** however if you need a hand with anything, our friendly AI assistant [Juno](#) is your first port of call. Whether it's guidance with DVO tools, help getting started in Phoenix, Nucoda or Loki, access to the latest versions 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 Sharpen** tool.



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



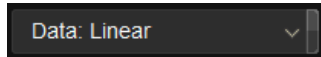
# CONTROL PANEL EXPLAINED

## ENABLE



This toggle button allows you to enable/disable the DVO Sharpen effect. By default, as soon as the effect is added it is applied/enabled.

## DATA

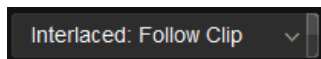


The drop-down list gives two choices of input color format, *log* or *linear*. You need to set this control according to the material that you're working with. If the footage was shot with a video camera, select linear. If this control is not set correctly the material may not be processed properly.

**Values:** Linear, Log

**Default:** Uses Project settings

## INTERLACED

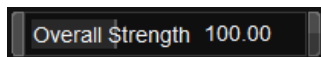


If the material selected is Interlaced, the tool can automatically use the metadata included, but you can also use the dropdown menu to force a specific setting if necessary.

**Values:** Follow Clip, Enabled, Disabled

**Default:** Follow Clip

## OVERALL STRENGTH



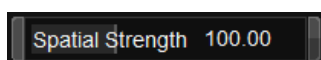
The Overall Strength parameter controls the amount of sharpening applied to the shot.

**Range:** 0 to 200

**Default:** 100

*You can fine tune the overall sharpness applied, using Spatial Strength & Crispness:*

## SPATIAL STRENGTH



**Range:** 0 to 200

**Default:** 100

## CRISPNESS



**Range:** 0 to 200

**Default:** 100



Use the following settings to help you clean up specific regions of the image, with separate parameters for low detail and high detail sharpness along with trimming options for highlights and lowlights, helping you to get the best results without breaking the image:

## LOW DETAIL SHARPENING

Low Detail Sharp 100.00

Range: 0 to 200

Default: 100

## HIGH DETAIL SHARPENING

High Detail Sharp 100.00

Range: 0 to 200

Default: 100

## LOW LIGHT TRIM

Lowlight Trim 0

Range: -25 to 0

Default: 0

## HIGH LIGHT TRIM

Highlight Trim 0

Range: -25 to 0

Default: 0

## IMAGE NOISE LEVEL

Image Noise Level 1

This setting helps the algorithm to avoid sharpening noise, so you'll need to analyze the shot and choose the best value to suit the image.

Range: 0 to 2

Default: 1



**WANNA KNOW**

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