Filmworkz®

Create Incredible

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:

PHOENIX

NUCODA

OFX DVO

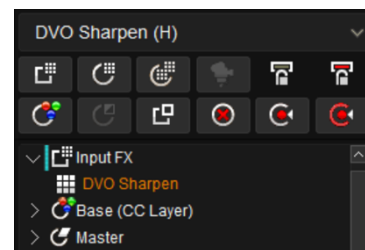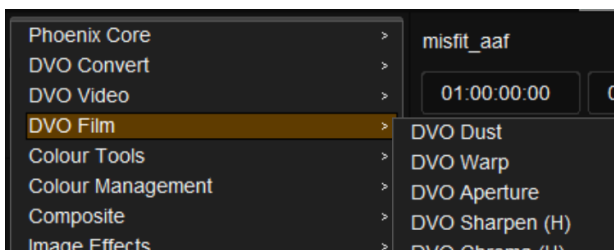It's also coming soon to:

LOKI

If you're already a Filmworkz veteran, you can jump right in and use DVO Sharpen, however if you need a hand getting going, check out these QuickStart Guides:
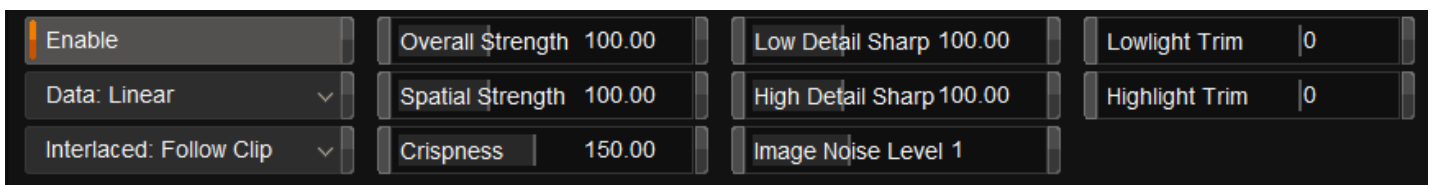
PHOENIX QUICKSTART GUIDE   **NUCODA QUICKSTART GUIDE**

GETTING STARTED

1. Launch your platform on your workstation.

2. Locate the toolbar, (positioned on the left-hand side of the interface)

Phoenix Core	>	misfit_aaf
DVO Convert	>	
DVO Video	>	01:00:00:00
DVO Film	>	DVO Dust
Colour Tools	>	DVO Warp
Colour Management	>	DVO Aperture
Composite	>	DVO Sharpen (H)
Image Effects	>	DVO Chroma (H)

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

DVO Sharpen (H)

Input FX
  DVO Sharpen
  Base (CC Layer)
  Master

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

Enable	Overall Strength 100.00	Low Detail Sharp 100.00	Lowlight Trim 0
Data: Linear	Spatial Strength 100.00	High Detail Sharp 100.00	Highlight Trim 0
Interlaced: Follow Clip	Crispness 150.00	Image Noise Level 1	

CONTROL PANEL EXPLAINED

ENABLE
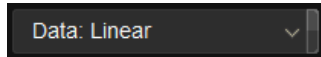
> | Enable |

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.
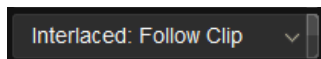
DATA

> | Data: Linear ∨ |

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
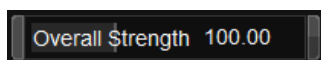
INTERLACED

> | Interlaced: Follow Clip ∨ |

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

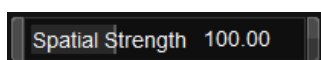## OVERALL STRENGTH

> | Overall Strength   100.00 |

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

> | Spatial Strength   100.00 |

Range: 0 to 200

Default: 100

CRISPNESS

> | Crispness   150.00 |

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
MORE?

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