

# DVO BRICKWALL USERGUDE

# WHAT DOES IT DO?

**DVO Brickwall** assists in reducing the complexity of a signal, which in turn makes compression processes more efficient. It achieves this by creating a very precise frequency cutoff allowing for a clear and accurate definition of the spectral content, reducing compression artifacts and improving the overall quality of the compressed images.

# HOW DO YOU USE IT?

DVO Brickwall works on the following platforms:

It's also coming soon to:









If you're already a Filmworkz veteran, you can jump right in and use **DVO Brickwall**, 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 lefthand side of the interface)

Phoenix Core	>
DVO Convert	>
DVO Film	test prores gamma
DVO Restore	>
DVO Video	> DVO Aperture
Colour Tools	DVO Deinterlace t
Colour Management	DVO Chroma (H)
Composite	> DVO Cross Colour
Image Effects	> DVO Dropout
Timewarps	> DVO Dropout+Fix
Transition	> DVO Line Sync
Pattern Generators	> DVO Noise
Pan Scan and Warp	DVO Alias (H)
Digital Anarchy	DVO Brickwall(H)

- 4. Click on it and the control panel under appears:
- Effect Enable Cutoff Filter Data: Linear 70.0 Type: Rectangular Horizontal Interlaced Vertical 70.0 Rectangular (Sharp) Size: Normal Sharpness 0

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





# **CONTROL PANEL EXPLAINED** BASIC SETTINGS

### DATA MODE

Data: Linear

Select the data format of the image; video cameras typically use a Linear data format.

If the Data setting is incorrect, the result can be affected.

Values: Linear (default), Log

### INTERLACED

Interlaced

If the media is interlaced, turn on this option on.

## CUTOFF

Cutoff	
Horizontal	70.0
Vertical	70.0

Cutoff allows you to adjust the horizontal and vertical filtering of the luminance, expressed as a percentage of the maximum bandwidth.

A setting of 100% equals a full bypass.

It's possible to control horizontal and vertical filtering independently.

Values: 0 - 100%

Default: 70



Filter			
* * *	Type: Rectangular		
Rectangular (Sharp)			
*	Size: Normal		
Sha	arpness 0		

### TYPE



DVO Brickwall has four different filter cores, each with a different characteristic.

Values: Rectangular (Sharp), Rectangular (default), Circular, Diagonal



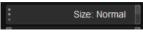
Rectangular (Sharp) – has a very sharp cut off. This can be fine-tuned using the *Sharpness* cutoff and a different *Size* of the core filter.

Rectangular - Horizontal and vertical filtering normal cut off.

Circular – Very good general option, works good with pixel mosquito issues.

Diagonal - Tilted 45 degrees very efficient when mastering DCT compression algorithms like MPEG.

### SIZE



Values: Small, Normal (default), Large

### **SHARPNESS**

Sharpness

Values: 0 - 15

Default: 0



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