

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



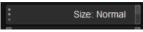
Rectangular (Sharp) – has a very sharp cut off. This can be fine-tuned using the *Sharpness* cutoff and a different *Size* of the core filter.

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







