Filmworkz®
Create Incredible

DVO
BRICKWALL
OFX USER GUIDE

OFX

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 is part of the Filmworkz OFX DVO Essentials plugin pack, which runs on **Resolve**, **Mistika** and **Scratch** for Windows, Mac and CentOS.

*DVO Brickwall is also available in the following Filmworkz platforms:*

GETTING STARTED

Just locate & enable the DVO OFX tools in your chosen platform; for ease, we're showing the screenshots from Resolve in this User Guide so consult your manuals for any alternative system you're using.

1. Launch Resolve on your workstation.

2. Open your project; to select the DVO effect, click on the Effects tab on the upper left side of the interface. On the Open FX section, open the Filters section and click on DVO.

3. To apply the effect, you can either double click or drag and drop on the selected clip(s) when using the Timeline tab. If you're in the Color page, select the effect using the Effects tab on the top left side of the interface and drag and drop on an existing node.

4. Click on the Effects section (or click on the grading node) and the control panel overleaf appears.
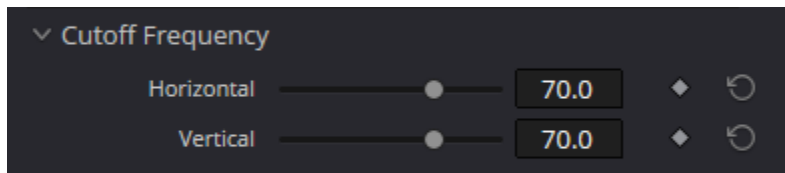
CONTROL PANEL EXPLAINED
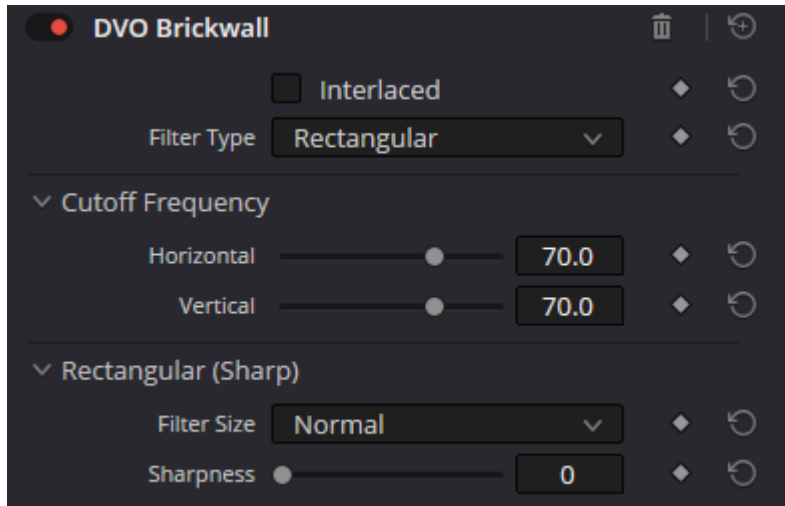
INTERLACED

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

CUTOFF

Cutoff allows you to adjust the horizontal and vertical filtering of the luminance, expressed as a percentage of the maximum bandwidth.
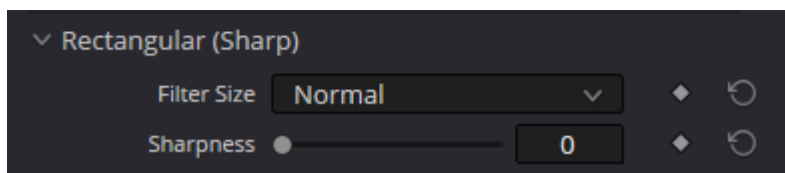
A setting of 100 equals a full bypass.

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

Values: 0 – 100

Default: 70.0

FILTER

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.

FILTER SIZE

Values: Small, Normal (default), Large

SHARPNESS

Values: 0 – 15

Default: 0

WANNA KNOW
MORE?

- FORUM
- WEBSITE
- SALES