

BCC DV Fixer

The primary purpose of this filter is to remove diagonal stair-casing (also known as aliasing or jaggies) that are apparent in images or clips that have been subject to DV compression, while maintaining the overall sharpness of the input image.

In most cases this filter can simply be dragged onto the clip that has the jaggies and the filter will handle the smoothing function automatically. You may want to tweak the parameter controls slightly to customize the filter based on the amount of stair-casing present in the input image. If you decide to make changes to any of the filters' parameters, we suggest that you start by setting the filter to preview mode so that you can easily see the pixels that will be affected by the filter as you make adjustments (you should remember to disable the preview mode before rendering.)

Herewith are several image examples of the filter result and beneath the images you will find a complete description of each individual parameter.



Parameter description

Preview Mode checkbox - When enabled the composite viewer will display an interactive black and white image that shows the image pixels that will be affected by the filter in white and the pixels that will remain unaffected by the filter in black.

Threshold - Use this parameter to determine the pixels that are to be affected by the filter.

Threshold Soften - This parameter controls the slope of the Threshold cutoff curve.

Iterations - Use this parameter to control the amount of times the image is filtered.

Apply Mode - This pop-up contains all of the apply mode compositing options, such as Add, Multiply, Difference etc.

Apply Mix - Used to blend the currently selected Apply Mode with the Normal Apply Mode.

Mix with Original - Used to blend the filtered result with the original image.

PixelChooser - contains the PixelChooser masking / matting parameter controls.