



NLS+, Part 2

We recently announced our novel non-linear stretch feature (NLS+), which offers simultaneous horizontal stretch and vertical compression, along with visual guides and sample images for easy configuration. Due to popular demand, in this newsletter we're bringing you even more NLS+ comparisons!

What is non-linear stretch?

Non-linear stretch is used to fill a scope screen so there are no black bars when watching content with a smaller aspect ratio. For instance, you can use NLS+ to remove the vertical black bars when watching 16:9 content on a 2.40 screen.

NLS+ Examples

The following examples show content with an original aspect ratio of 16:9, with NLS+ applied to fit a 2.37 screen. The images were not altered, except to change the black bar area to dark grey to make it easier to see the bars against the black background here.

These original (16:9) images are from the video montage of the [Spears and Munsil - HDR Benchmark disc](#). Special thanks to Spears and Munsil for providing us with their permission to use these spectacular images.



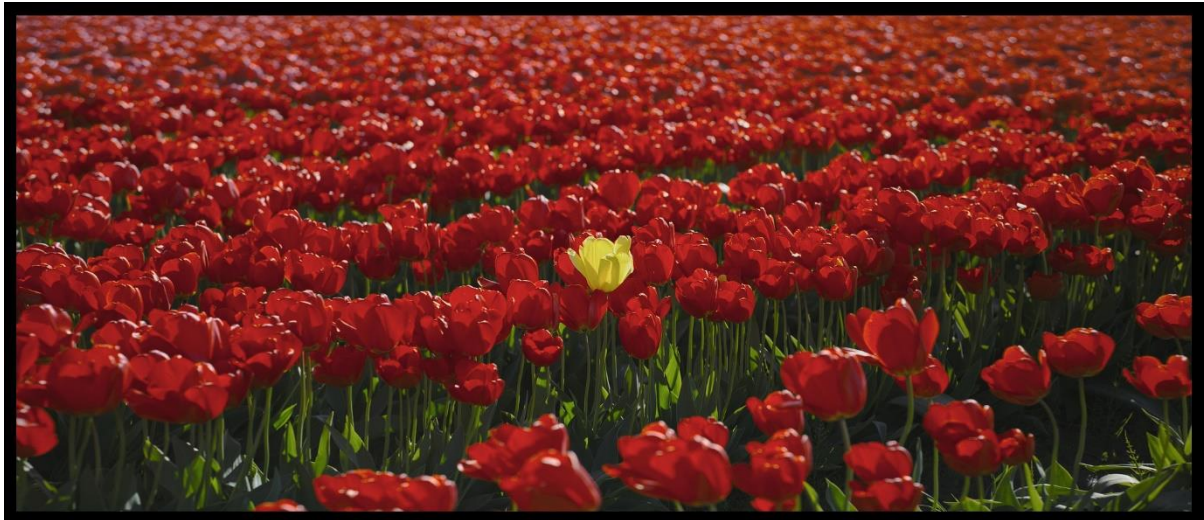
[Full screen comparison](#)



[Full screen comparison](#)



[Full screen comparison](#)



[Full screen comparison](#)



[Full screen comparison](#)

NLS+ In Motion

Images are great to compare, but it's also important to consider how NLS+ looks in motion. In the below video clip, custom NLS+ settings are applied to nicely fit this 16:9 commercial to fill a 2.37 screen (click image to download).



What's Next?

Ask yourself - what happens when you combine instant aspect ratio detection and black bar management with NLS+? Stay tuned to find out! [Spoiler alert - it opens an entire world of opportunity to always fill scope screens, seamlessly, regardless of the aspect ratio of the content. At least for those who like to use non-linear stretch. We'll dig into this next time.]

In the meantime, please [visit our website](#) to learn more about the Envy and how it will take your video experience to an entirely new level.