



Discover the madVR® Envy



"Everything is fantastic with my Envy. The picture is beautiful, the HDR is amazing, and it's the most important piece of equipment in my home theater. I honestly can't wait to be able to have people over again for movie night and show it off."

— Jon G.



MotionAI* - Another Industry-First by madVR Labs

MotionAI is the first and only AI-based motion interpolation ever offered in a standalone video processor. It provides unparalleled improvements in image clarity, stability, detail, and smooth motion handling, providing an immersive, game-changing video experience like no other. Unlike other motion interpolation algorithms that compromise the original cinematic look and director's intent, MotionAI revolutionizes motion handling by delivering the benefits of smoother motion while given you full control over the cinematic experience.

*Requires the Envy Extreme

Awarded "Best-In-Class" HDR Dynamic Tone Mapping

madVR Labs pioneered dynamic frame by frame HDR tone mapping. Our patent-pending DTM 2.0 analyzes every frame in real-time to optimize every single pixel. That's a half billion pixels per second at 4K60. Our proprietary Highlight Recovery, Contrast Recovery and Shadow Detail Recovery provide an image so stunning you will be addicted at first sight. Finally, you can enjoy HDR movies and shows at home like never before possible, just as the director intended.

Instant Aspect Ratio Detection & Next-Gen Non-Linear Stretch

Envy detects all aspect ratios and instantly adjusts the image to fit your screen, even when aspect ratios change during the movie. Combine this with our patent-pending non-linear stretch for the most immersive experience yet. Our NLS+ is the first such system to combine both simultaneous vertical compression with horizontal expansion. NLS+ can fill your entire screen regardless of its AR and the AR of your content. Rid yourself of those pesky black bars forever and enjoy sports like never before.



HDMI 2.1 Support and Upscaling up to 8K*

The Envy Extreme supports 8K HDMI 2.1 output, with full 48 Gbps HDCP 2.3 support. This makes Envy the first and only stand-alone video processor to offer these advanced capabilities. Our modern-day hardware platform, with built-in software updates, ensures you'll enjoy the Envy for many years to come. The Envy is also the only such product that uses advanced AI to upscale sources to 4K, 5K and even 8K, delivering astounding picture clarity.

*Upscaling beyond 4K requires the Envy Extreme

Highly Accurate Calibrations

Envy enables incredibly accurate calibrations by supporting massive 256-point 3D LUTs, and 4,096 point 1D LUTs, without any loss of measurement data and precision, unlike with other processors. This translates to 16.7 million points of accuracy, compared to less than 5,000 points with others. Envy integrates with calibration products including ColourSpace, Calman and more.

Image Enhancements*

Envy provides the highest quality algorithms to remove compression artifacts and mosquito noise, as well as de-banding to remove 8-bit banding artifacts. Many other favorite tweaks for image enhancements are also available to remove or add grain, sharpen edges, remove ringing, and more. Even watch as Envy manages your subtitles, ensuring they always fit on your screen and do not appear on or over your masking. *Available with the Core Premium, Pro and Extreme

Instant Aspect Ratio Handling

Finally, your projector lens can now always remain in same position, regardless of the movie AR, thanks to Envy's *instant* AR handling. This works even when the AR changes within the same movie, as shown below.



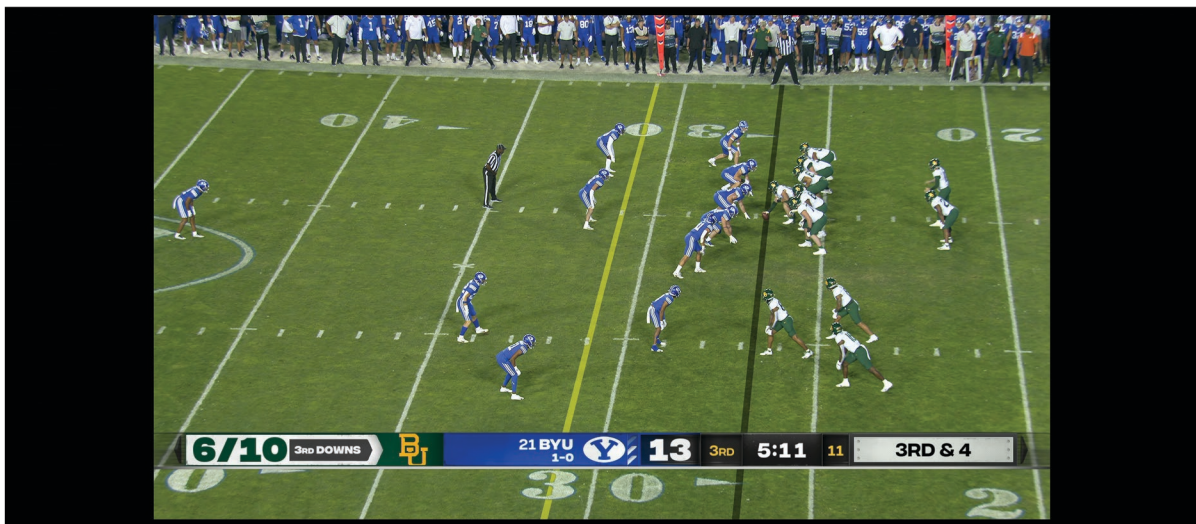
Projector is zoomed to fill the screen for scope content



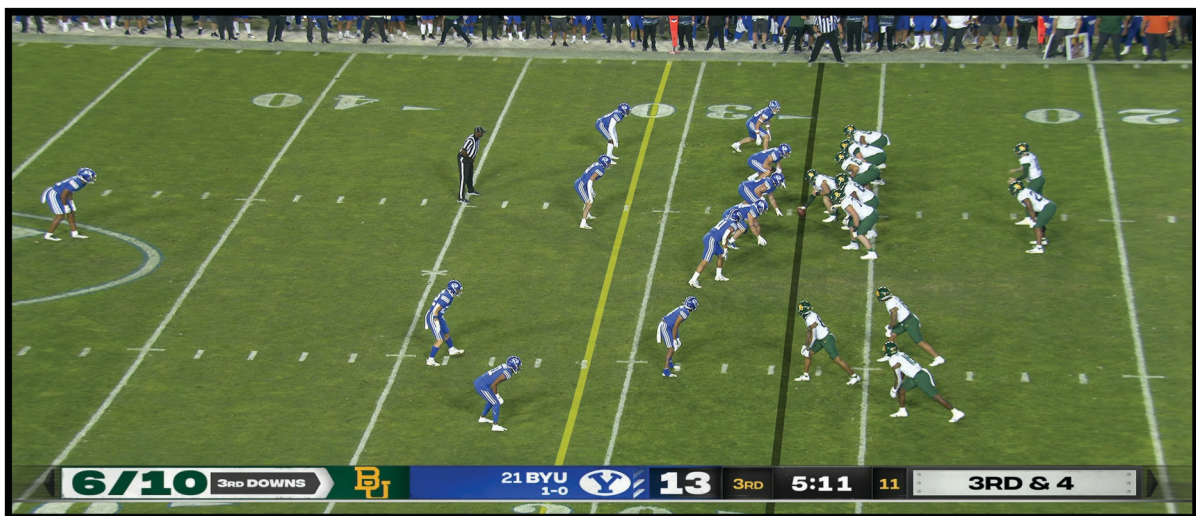
Envy still perfectly fits 16:9 content, without changing the lens zoom!

Non-linear Stretch (NLS+)

Envy can fit any aspect ratio image to fill any aspect ratio screen, removing those pesky black bars once and for all! Our non-linear stretch uses both horizontal expansion and vertical compression - an industry first! NLS takes your level of immersion to new heights!



Without Envy: Original 16:9 image with pesky black bars



With Envy: Image fills the entire screen, taking your immersion to a whole new level!

Subtitle Management

Subtitles Without Envy



Screen Wall

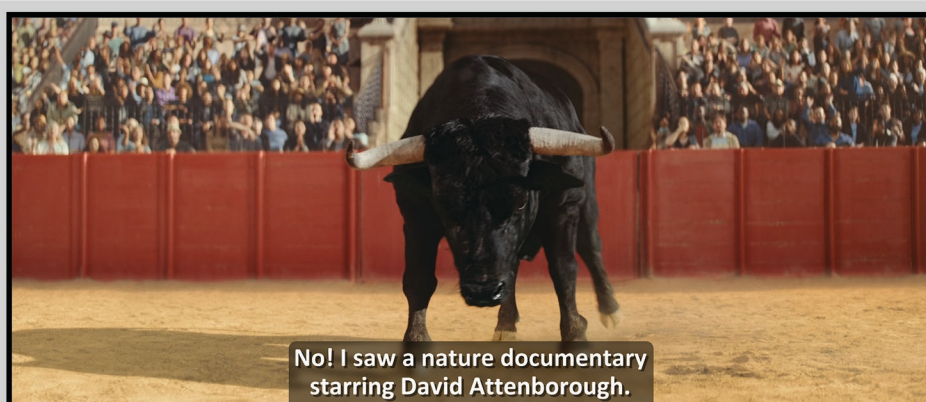
Without an Envy, you must watch movies with big black bars, which are needed to see the subtitles at all times, resulting in a much smaller image...



Screen Wall

...because zooming out to fill the screen pushes subtitles onto the screen masking and wall, making subtitles difficult to read and causing a distraction.

Subtitles With Envy



Screen Wall

Dynamic Subtitle Overlay (DSO)* shifts subtitles from black bars into the image, and adds a nice backdrop for readability. It also reduces line spacing to minimize distractions and increase movie immersion!

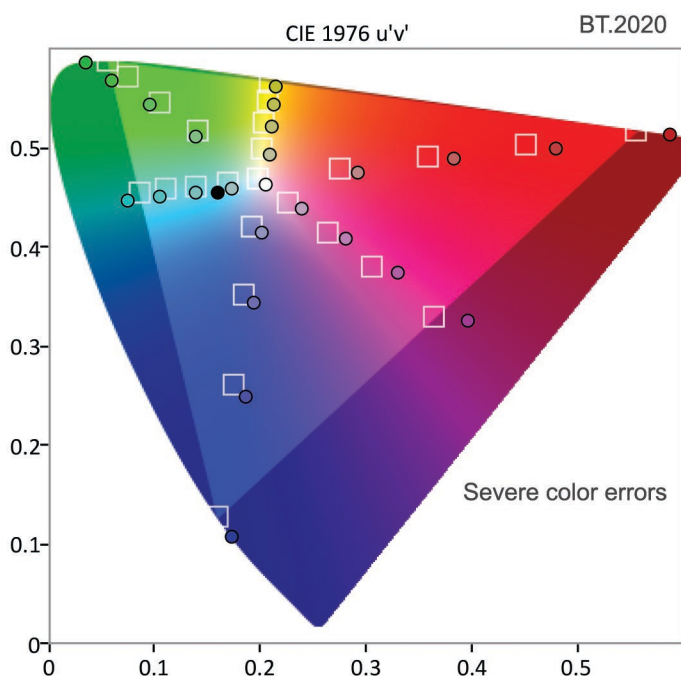
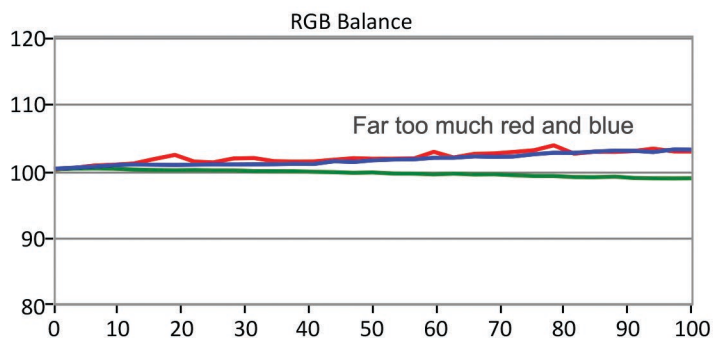
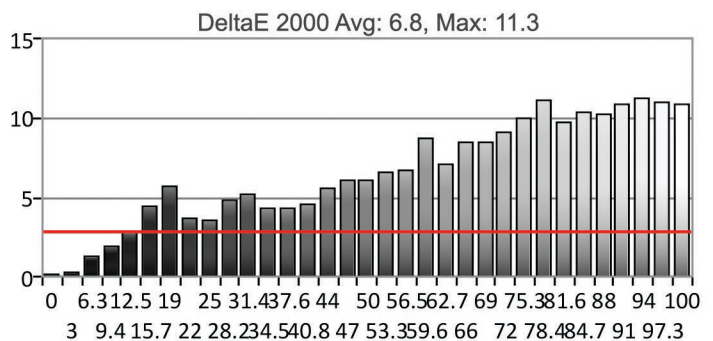
* DSO works with Envy Core Premium, Pro, and Extreme; subtitles must at least partially overlap black bars.

White Glove Calibration Services

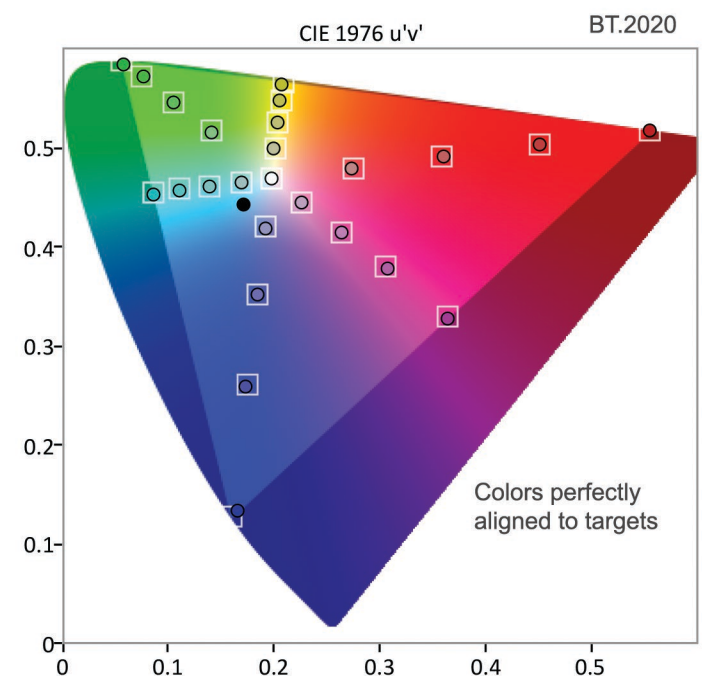
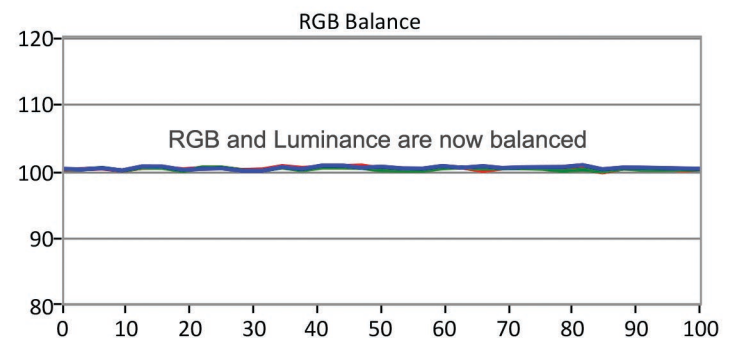
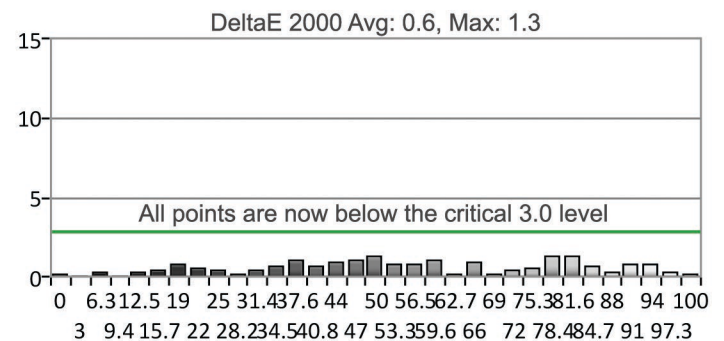
The Envy delivers unmatched calibration accuracy with its massive LUT support.
For a seamless, professional setup, trust the madVR PSG WHITE GLOVE SERVICE.

Expert Envy Installation • End-to-End Master ISF Calibration & Signal Optimization

Before Calibration



After Calibration



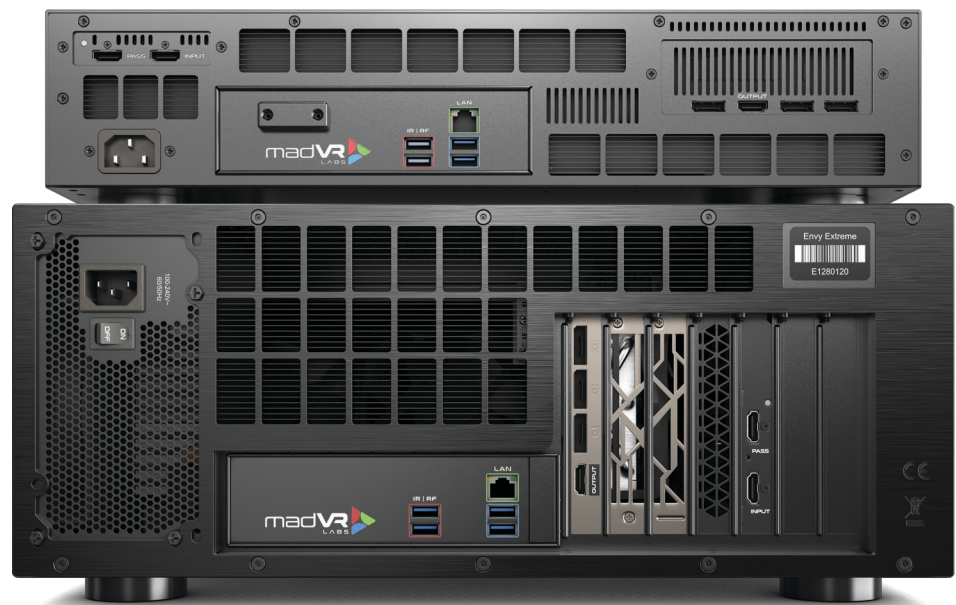
Take your home theater to new heights!

Enjoy the most dramatic yet highly accurate 4K HDR dynamic tone mapping, instant aspect ratio detection, subtitle management for scope screens, and non-linear stretch unlike anything you've ever seen. The Envy also offers unrivaled 4K upscaling, specialized sharpening and detail enhancement, 3D and 1D LUT calibration with unprecedented precision, and much more. The Envy is the first and only dedicated video processor to use machine learning algorithms with real-time video streams, taking your video quality to a whole new level. Talk to your dealer to learn why video professionals and their customers around the world love the madVR Envy.



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Testimonials

"I can't believe how easy it went. All I can say is...incredible! The picture is just stunning — the color, contrast and image brightness is just perfect. Thanks to you all for such a great, easy to use product. It's actually making my system even less hands on."

– Mark J.

"The Envy is incredible!! I played around with it and it does wonders on everything I played. The best purchase I've made for my home theater to date!! It is so impressive and has breathed entirely new life in my projector. I'm also amazed at how plug and play it is to set up, and how easy it is to use. You guys have really knocked it out of the park."

– Landon C.

"I can say with 100 percent certainty that the Envy is truly amazing. It has totally transformed the experience in our demo theater. Every movie looks incredibly immersive and now I need to go back and watch some of my favorite titles to see the extra detail."

– Kris K.