

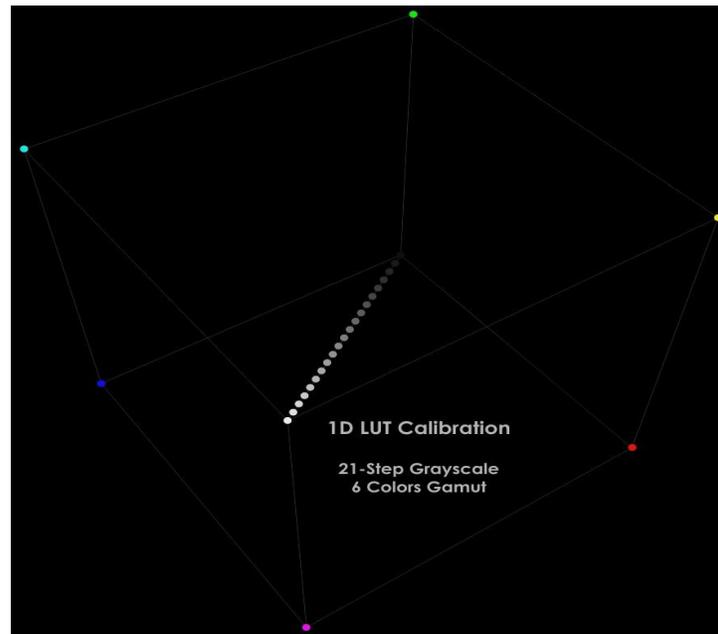
Naples Display Calibration

Partnered With Light Illusion LightSpace Professional Software

Introducing

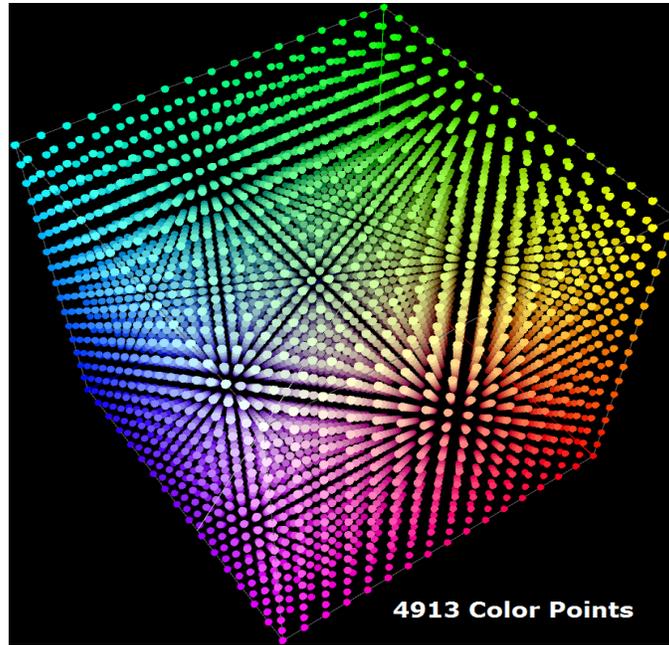
Professional Level Display Calibration For Home Theaters

Until now, the finest picture possible from a consumer level television set or projector has been by calibrating using the few available internal controls. The best TVs allow for calibrating the black to bright white grayscale and the outer, 100% saturation points of colors. The interior of the color cube below contains 16+ million more colors and with the small amount of information available the TV or projector is supposed to produce them all correctly.



Professional calibrators have long known that the sets seldom do their job with much accuracy. The solution to this problem lies in the abilities of an external processor to send signals to the TV that will enable the proper picture, that which the studio/movie director intended to be seen. This is accomplished with what are known as Lookup Tables (LUTs). LightSpace, the same software used by major motion picture companies and post production houses where movies are turned into Blu-Ray discs, is utilized to both measure the colors and produce LUTs for individual home theater displays. The LUTs are loaded into an external processor through which the video signal is passed from the source on the way to the television or projector input.

As opposed to measuring just six points located on the outside of the cube, LightSpace measures the saturation, hue, and luminance of 4913 separate color points along the edges and the interior of the color cube as shown on the reverse side of this brochure.



These measurements are mathematically converted into a LUT containing 274,625 color points. The LUT is then loaded into an electronic device, the eeColor Processor, which both holds and processes as many as six selectable Lookup Tables.



The resulting picture is the absolute best and most accurate that each particular flat panel or projector is capable of displaying. After two years of development with Light Illusion of London, creator of LightSpace software, this technology is now being offered by Naples Display Calibration to the home consumer market for the first time ever, anywhere.

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To ensure accuracy, all measurements are taken with a Klein K10-A, the finest Colorimeter available. It is the only meter capable of measuring the darkest areas of high end displays.

