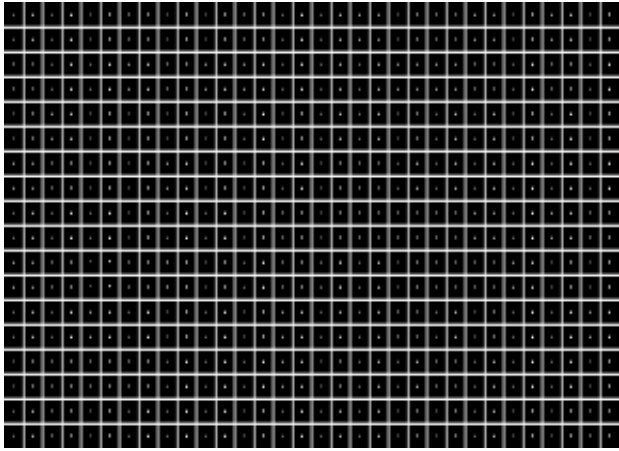
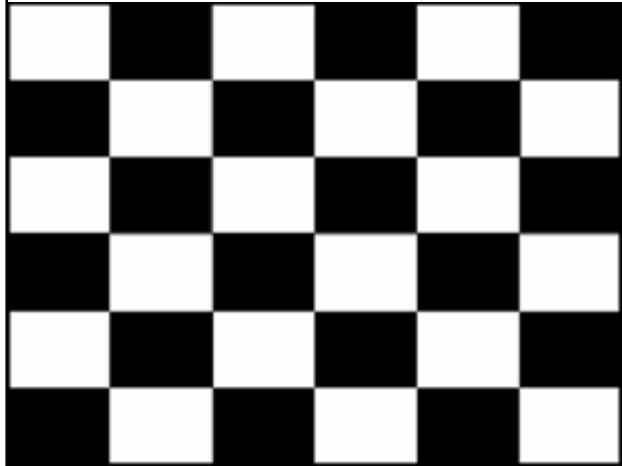


# VP400 Series VideoPro Patterns

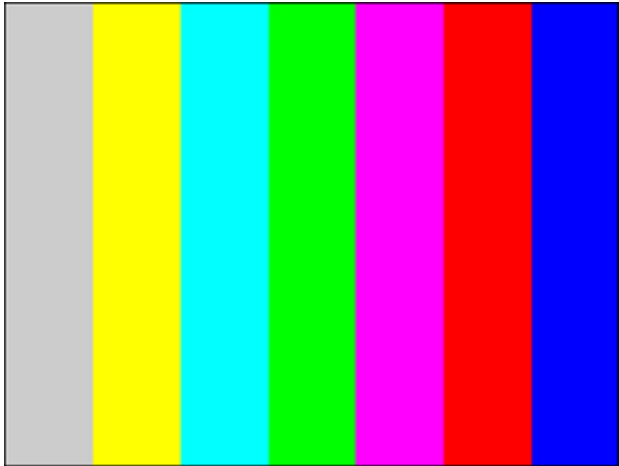
**Anamorphic 4:3** – use to check the accuracy of a display device's anamorphic stretch feature.



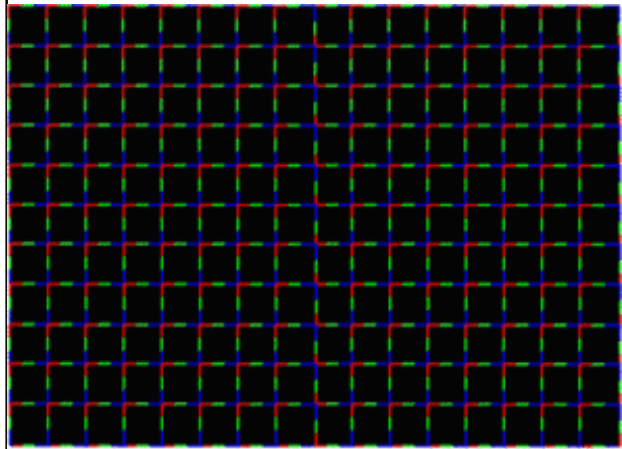
**Checker** – use to check the regulation of CRT video drive power supply circuits.



**Color Bar** – use as an overall check of a display device's capability to produce fully saturated primary and secondary colors.

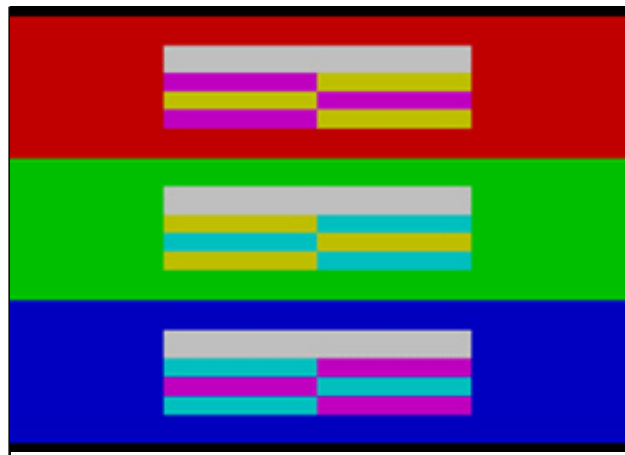
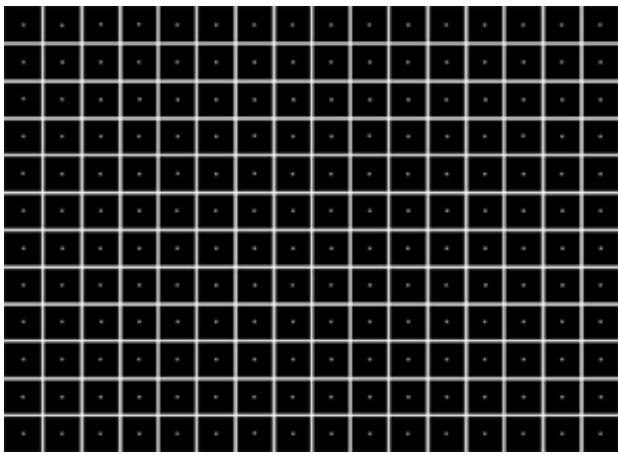


**Converge** – use to color converge a display throughout the entire picture area.



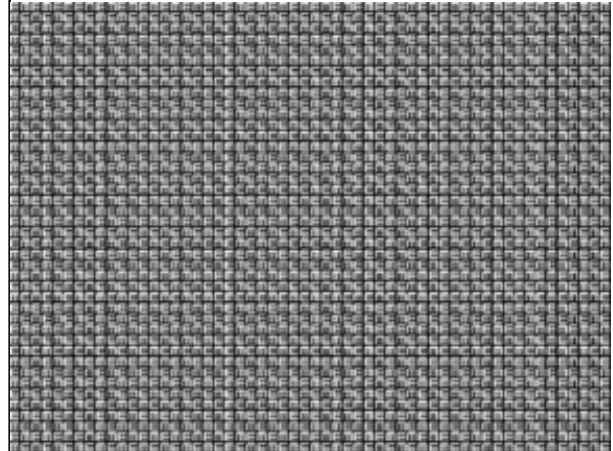
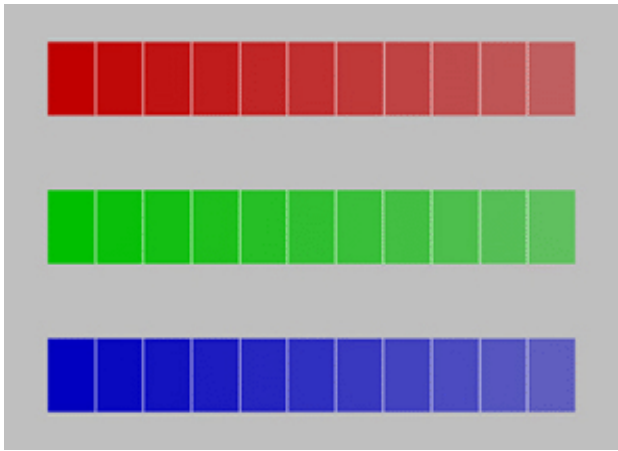
**Crosshatch 4:3** (16:9 also included) – use to check and adjust the convergence of red, green and blue pictures.

**DecodAdj** – use to adjust a display's color decoder/matrix circuit for most accurate color reproduction.



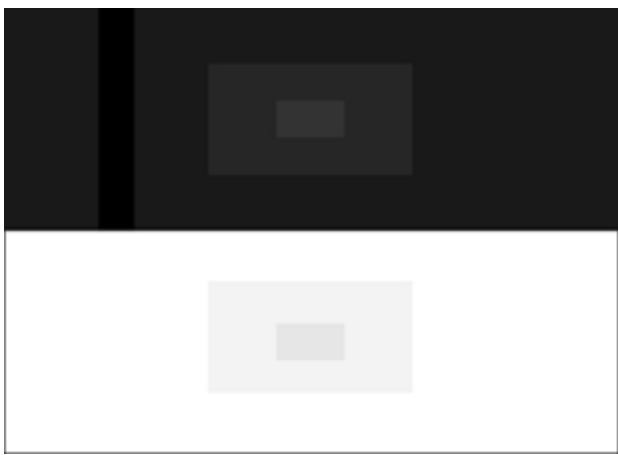
**DecodChk** – use to check the color decoder performance to determine if the decoder over-emphasizes red or green colors.

**Focus** – use to view the effects of focus adjustments across the entire screen.



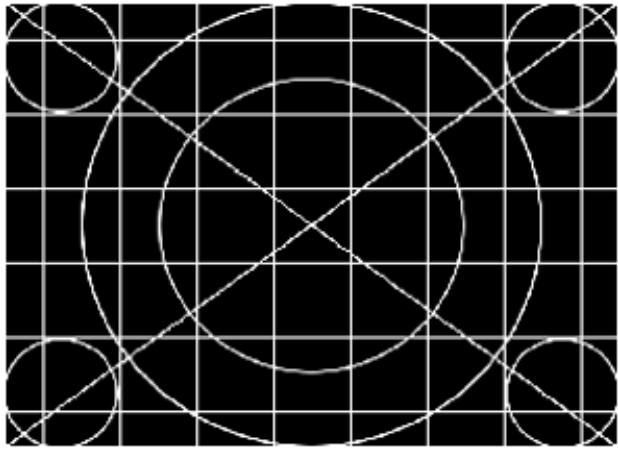
**HiLoTrk** – use to set the contrast and brightness controls on fixed-pixel (non-CRT) displays.

**Horizontal Staircase (H Stair)** – use to visually check grayscale tracking performance of a rear projection display.

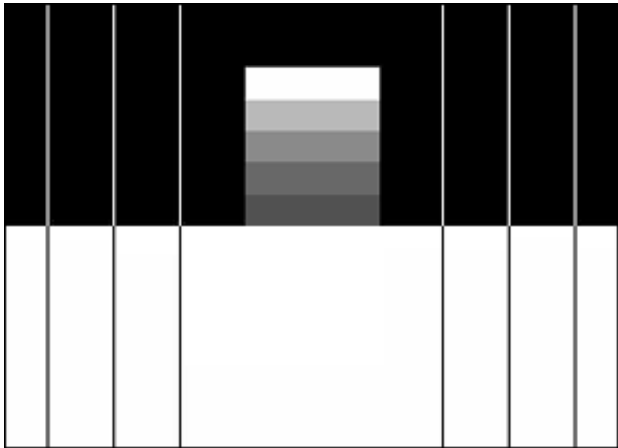


**Linearity** – use for deflection linearity testing and alignment.

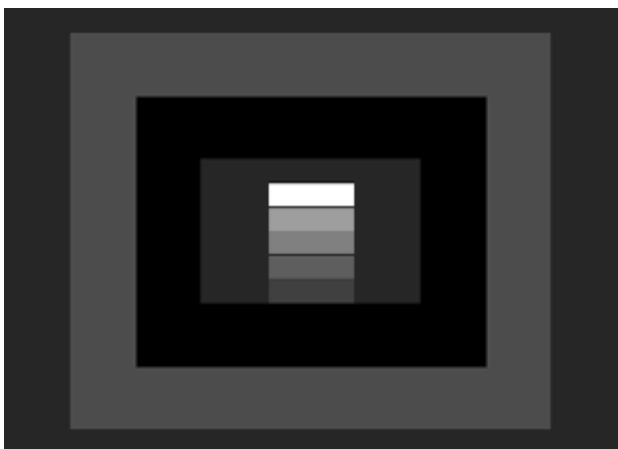
**Multiburst** – use to check a display's ability to produce sharply defined stripes, at equal brightness, up to the format's full resolution.



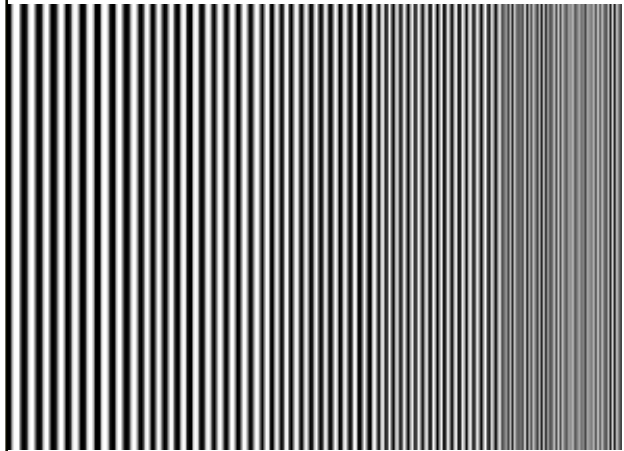
**Needle** – use to detect whether scan velocity modulation (SVM) is enabled on a display device.



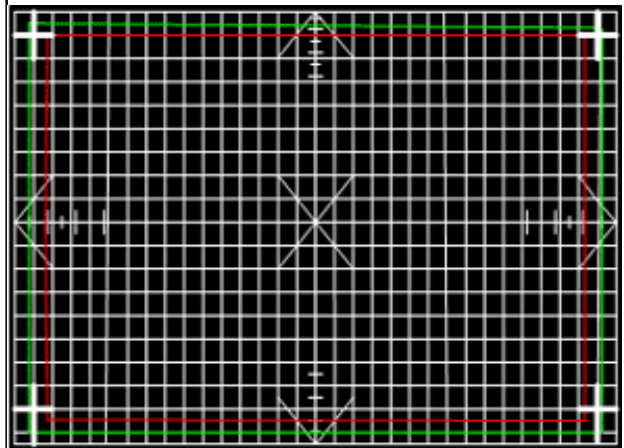
**Pluge** – use to set the picture black level and check the DC restoration (black clamping) performance of a display device.



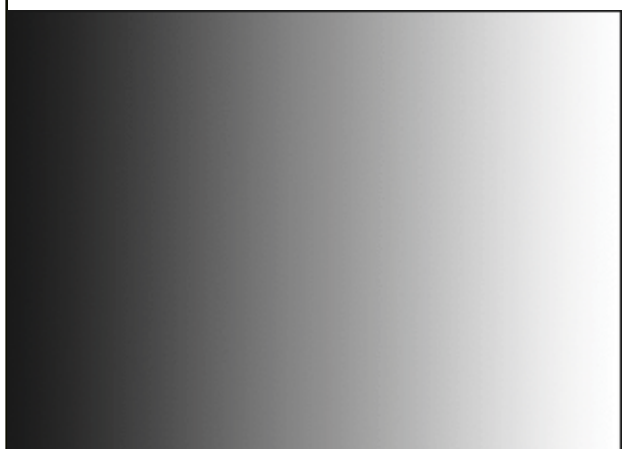
**Raster** – use to check color purity and display chrominance uniformity.



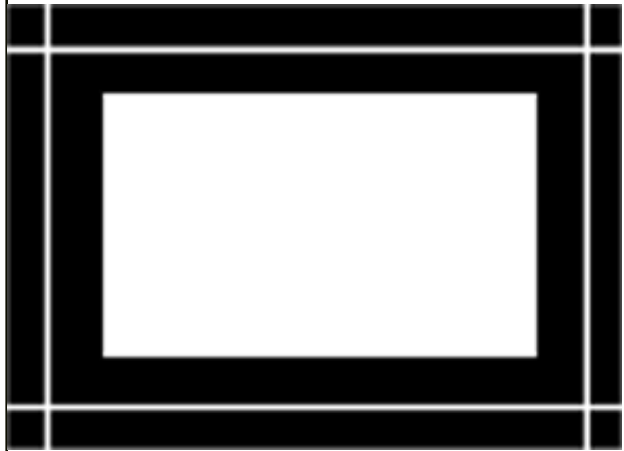
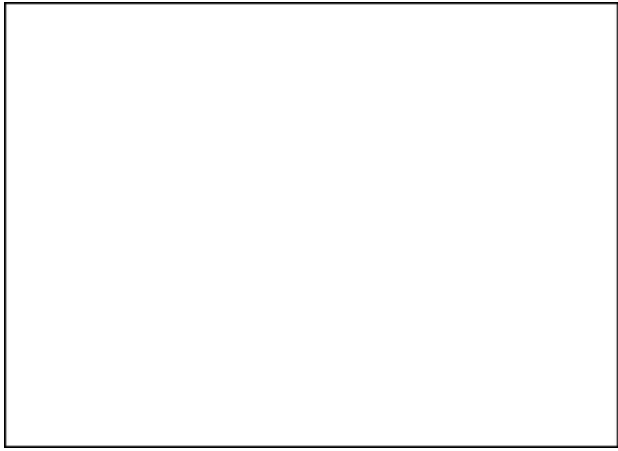
**Overscan** (16:9 also included) – use to check and adjust for the proper geometry of a display, including picture centering, size, trapezoid (keystone) correction, pincushion (bow) correction, and linearity.



**Ramp** – use to check the digitizing linearity of video signal processors.

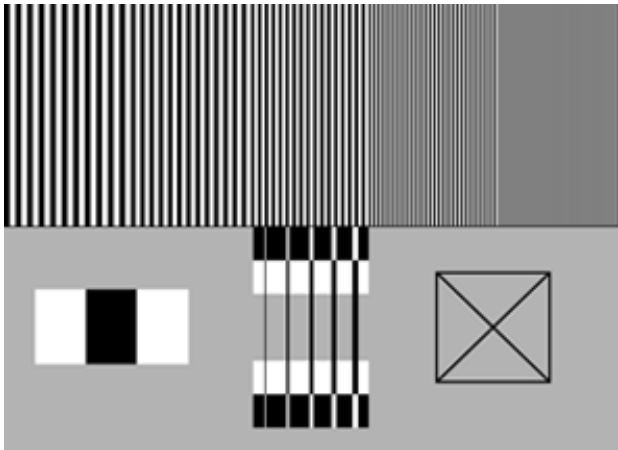


**Regulate** – use to check the regulation of CRT high-voltage and deflection power supply circuits.



**Sharpness** – use to align display sharpness, picture, aperture, and scan-velocity modulation (SVM) adjustments.

**SMPTE Bar** – use to adjust color and hue through a blue filter with composite, S-video, or YPbPr signal inputs.



**Staircase** – use to visually check grayscale tracking performance of a display.

**Window1** – use the white window at a high IRE to calibrate display drive chromaticity.



**Window2** – use the white window at a low IRE to calibrate display cutoff chromaticity.

**VP401/403 Optional HDCP test** – works with any pattern to test (copy protect) HDCP compatibility.



<http://www.sencore.com>

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1.800.736.2673