

Professional Video Alliance, Calibration Check List

Evaluation of Room, Setup of Gear – Optimal resolutions and connections

Pre Calibration Report – Gray Scale tracking, Gamma, CMS, Color Checker, Document initial settings.

Consider Mode Preset, Auto controls, Enhancement Controls.

Set Black level control (Brightness).

Set White level control (Contrast / Picture)

Set the White Balance Preset.

Repeat Black level and White level adjustments as necessary

Adjust the adjust the bright / white side of the gray scale to < 2 Delta E (80 % stimulus)

Adjust the dark side of the gray scale to < 2 Delta E (20 % stimulus)

Repeat white and black white balance adjustments as necessary. Recheck / verify Black level and White level. Consider the entire 0-100 % gray scale range for > 2 Delta E errors

Consider Gamma (EOTF) – Presets and Pictures Modes – consider 10-20 points of adjustment if available.

Select Color Space Preset for targeted Color Space.

Adjust Color and Tint. Consider setting Color by measuring Red Luminance as a percentage of White.

Consider CMS or CCA. If adjusting CMS start with Color and Tint at center position.

Ensure 1:1 Pixel Mapping then adjust Sharpness

Post Calibration Report Summary. Gray Scale Tracking, Gamma, CMS, Color Checker. Where do you submit reports for PVA Certification? www.professionalvideoalliance.com

ALWAYS LOOK / VERIFY WITH REFERENCE SOURCE MATERIAL

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