

Color System

The monitor features 5 Color System selections: **DEFAULT**, GaiaColor, LightSpace, CalMAN, and NONE. **On the XM652U, XM651U, XM650U, XM552U, and XM551U the factory calibrations are stored in the DEFAULT Color System.** LightSpace and CalMAN Color System options are provided as additional memory place holders to store custom end-user calibrations using LightIllusion (LightSpace / ColourSpace) or CalMAN calibration software. The GaiaColor selection is reserved for future development and should not be used with firmware version 2.1.24. Please leave the ColorSystem set to Default unless you have specifically saved your own user generated calibration LUTs to the LightSpace or CalMAN memory banks.

Basic settings for the most commonly used configuration on XM W-OLED models are provided below

For Rec709 2.4 SDR Color System: Default LUT Mode: Normal Range: Video Range 64-940 Gamut: BT.709 Luminance Mode: 100	For P3-ST2084 HDR Color System: Default LUT Mode: Normal Range: Full Range 0-1023 Gamut: P3-ST2084 Luminance Mode: HDR
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Please note that in the DEFAULT Color System if factory LUTs have not been overridden the gamut option DCI P3 will target a DCI white balance of $x=0.314$, $y=0.351$ while the P3-ST2084 option will target a white balance of $x=0.3127$, $y=0.3290$.

Connectivity

The preferred configuration is single link 12Gbps or 6Gbps SDI. Quad Link 3Gbps and 1.5Gbps signals are also supported, but must be manually selected from the Video Menu. 4K and UHD over 3G dual-link, 3G quad-link, and 1.5G quad-link should be formatted as Square Division (SQ).

FW 2.1.24 Known Issues List

The following are known issues scheduled to be addressed in future firmware release:

TimeCode reader does not update in real time.

Two Sample Interleave (2SI) formatted signals are not currently supported. Square Division formatting should be used.

DisplayPort is not currently enabled.

For further support please download the complete user manual or contact Support by email or phone:
Support@FlandersScientific.com or +1.678.835.4934