

Many XM series features and capabilities are still under active development. This guide is designed as a quick reference for using the XM551U, XM650U, and XM651U with firmware version 1.1.54

Color System

The monitor features 5 Color System selections: CineColor, LightSpace, CalMAN, DEFAULT, and NONE. **On the XM551U, XM650U, and XM651U the factory calibrations are stored in the DEFAULT Color System. LightSpace and CalMAN are provided as place holders to store custom end-user calibrations using LightSpace or CalMAN.** The CineColor selection is reserved for future use and should not be used with firmware version 1.1.48.

Basic settings for the most commonly used configuration on the XM551U, XM650U, and XM651U 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
LUT Interpolation: Tetrahedral

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 1.1.54 Known Issues List

The following known issues will be addressed in future releases.

Function buttons are not currently reassignable.

TimeCode display is currently inactive.

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

DisplayPort input is currently inactive.

For further support please contact Support@FlandersScientific.com or +1.678.835.4934