

This guide is designed as a quick reference for using the XM310K with firmware version 1.1.54.

Color System

The monitor features 5 Color System selections: GaiaColor, LightSpace, CalMAN, User, and NONE. **The Gaia-Color Color System should be used if using a dynamic backlight luminance setting.** LightSpace, CalMAN, and User are provided as place holders to store custom SDR end-user calibrations using LightSpace, CalMAN, or user defined calibration software. SDR selections in the CalMAN and LightSpace color system menus are already loaded for your use, but may be overwritten with your own calibration LUTs.

Recommended Configurations Using Firmware 1.1.54

Basic settings for the two most commonly used configurations on the XM310K are provided below.

For P3 D65 PQ HDR
Color System: GaiaColor
Gamut: P3-ST2084
Temperature: 6500K
EOTF: ST 2084
Luminance Mode: Dynamic
LUT Interpolation: Tetrahedral
Optimize Modulation (Found on Video Menu): Motion

For Rec709 2.4 SDR
Color System: LightSpace
Gamut: BT.709
Luminance Mode: 100
LUT Interpolation: Tetrahedral

Calibration reports for both of the configurations above are provided with your shipment. Only GaiaColor with an approved probe is supported at this time for HDR calibration. See the user manual or contact FSI support for more details.

Connectivity

The preferred configuration is single link 12Gbps or 6Gbps SDI. Quad Link 3Gbps and 1.5Gbps Square Division signals are also supported, but must be manually selected from the Video Menu.

FW 1.1.54 Known Issues List

The following known issues will be addressed in a future release.

Function buttons are not currently reassignable.

TimeCode display is currently inactive.

2 sample interleave (2SI) formatted signals are not currently supported, use SQ division instead.

Display Port input is currently inactive.

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