PMW-F55/F5 Firmware Upgrade v7.0

Quick Menu

The F5 and F55 platform continues to be refined. Version 7 firmware features a significant update in the operator's experience.
Powerful features will now be easily accessible through an intuitive interface for fast and efficient navigation at the users fingertips,
by utilizing the sub display and the silver buttons on the camera.

Project

Monitoring

MLUT

Media

Viewfinder

Others

F55/F5 CineAlta 4K. The evolution continues.

Version Number: **7.0**
Expected availability January 2016

CineAlta

For more information please visit www.sony.com/35mm
Features and specifications are subject to change.
For detailed information on firmware updates please visit www.community.sony.com

Adding ITU-R BT. 2020 in Custom Mode

Giving you more color. Save time and money in grading with minimal effort.

S-Gamut3 exceeds the color space of print film and is the widest of any motion picture camera. It was developed to protect for grading any existing and future deliverable requirement, whether Rec. 709, DCI-P3 and the recently-introduced standard, Rec. 2020.

In addition to the existing color spaces, Sony is implementing the ITU-R BT. 2020 (Rec. 2020) standard, the native color space of new generation 3840 x 2160 4K Ultra HD. The v7 firmware implementation of Rec. 2020 is applied via **Custom Mode**, and is intended for use with 3840 x 2160 and 4096 x 2160 XAVC™. The recording will bake the Rec. 2020 color space into the XAVC file.

S-Gamut3.Cine to Rec. 709 and DCI-P3
If your intended display is HD Rec. 709 (ITU-R BT. 709) or DCI-P3:
The **S-Gamut3.Cine** triangular axis alignment within the Spectral Color best matches Rec. 709 and DCI-P3 for simple saturation and tone adjustment in grading; For best results with minimal effort in this case, select **S-Gamut3.Cine.** Sony provides various Look Profiles (3DLUTs*) for the F5 and F55 designed to convert from **S-Gamut3.Cine** to **Rec. 709**. Visit our Community forum to download Look Profiles, including an **S-Gamut3 to S-Gamut3.Cine conversion LUT.**

S-Gamut3 to Rec. 2020
If your intended display is 3840 x 2160 4K Ultra HD with Rec. 2020:
Rec. 2020 is recommended for your final output for best viewing results that require accurate color reproduction. **If you are shooting in Cine EI mode with 16-bit Linear RAW,** we recommend **S-Gamut3 for Rec. 2020.** It is a wider color space and better aligned to Rec. 2020 in Spectral Color and will deliver more headroom, thus resulting in minimal time and effort by simply adding saturation and adjusting tone in grading.

Converting from **S-Gamut3.Cine to Rec. 2020** ideally requires a 3DLUT due to the off-axis alignment in Spectral Color. Saturation control is only an increase or decrease and cannot rotate within the triangle. Therefore the required 3DLUT adjusts the axis to align the color reproduction from **S-Gamut3.Cine.**

16-bit Linear RAW files previously recorded can also take advantage of the above. For further reading and to download the white paper visit our Community forum

*3DLUT is a combination of saturation and tone curve.
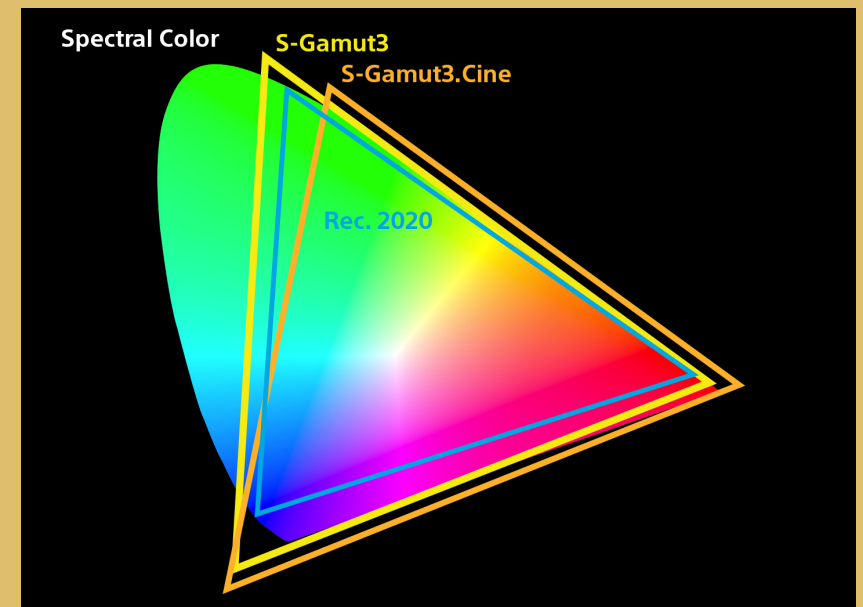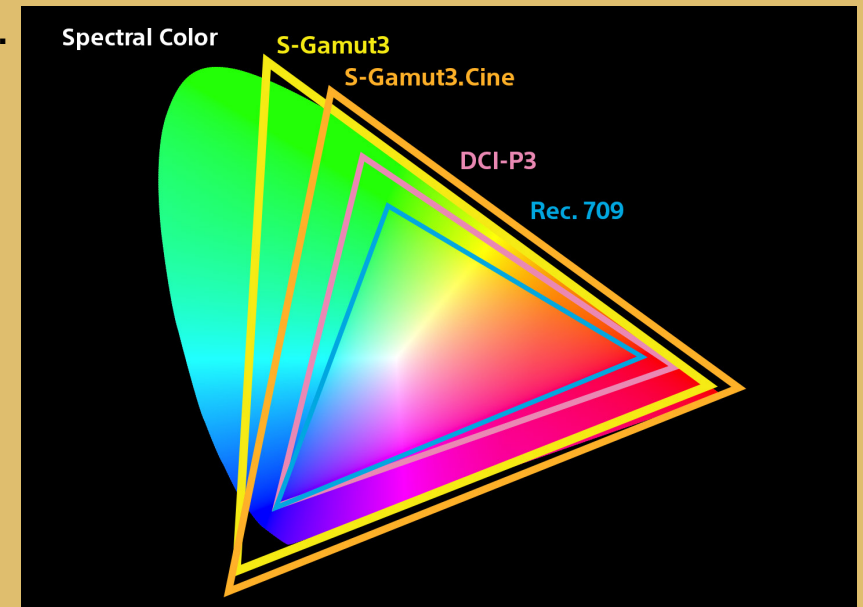
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Expanded options for simultaneous recording

Due to popular demand from documentary production needing to shoot HD and 4K of 50i with 50p or 59.94i with 59.94p, Sony is implementing simultaneous recording to the same SxS Pro+ card of MPEG2 50Mbps 4:2:2 and 10 bit 4:2:2 4K XAVC in either 3840 x 2160 or 4096 x 2160. The files will have matching T/C and file naming.

This is a powerful workflow that will allow productions with high shooting ratios to significantly reduce the time and money to produce 4K content.

MPEG2 50Mbps 4:2:2 50i or 59.94i

+

XAVC 4096 x 2160 or 3840 x 2160 50p or 59.94p

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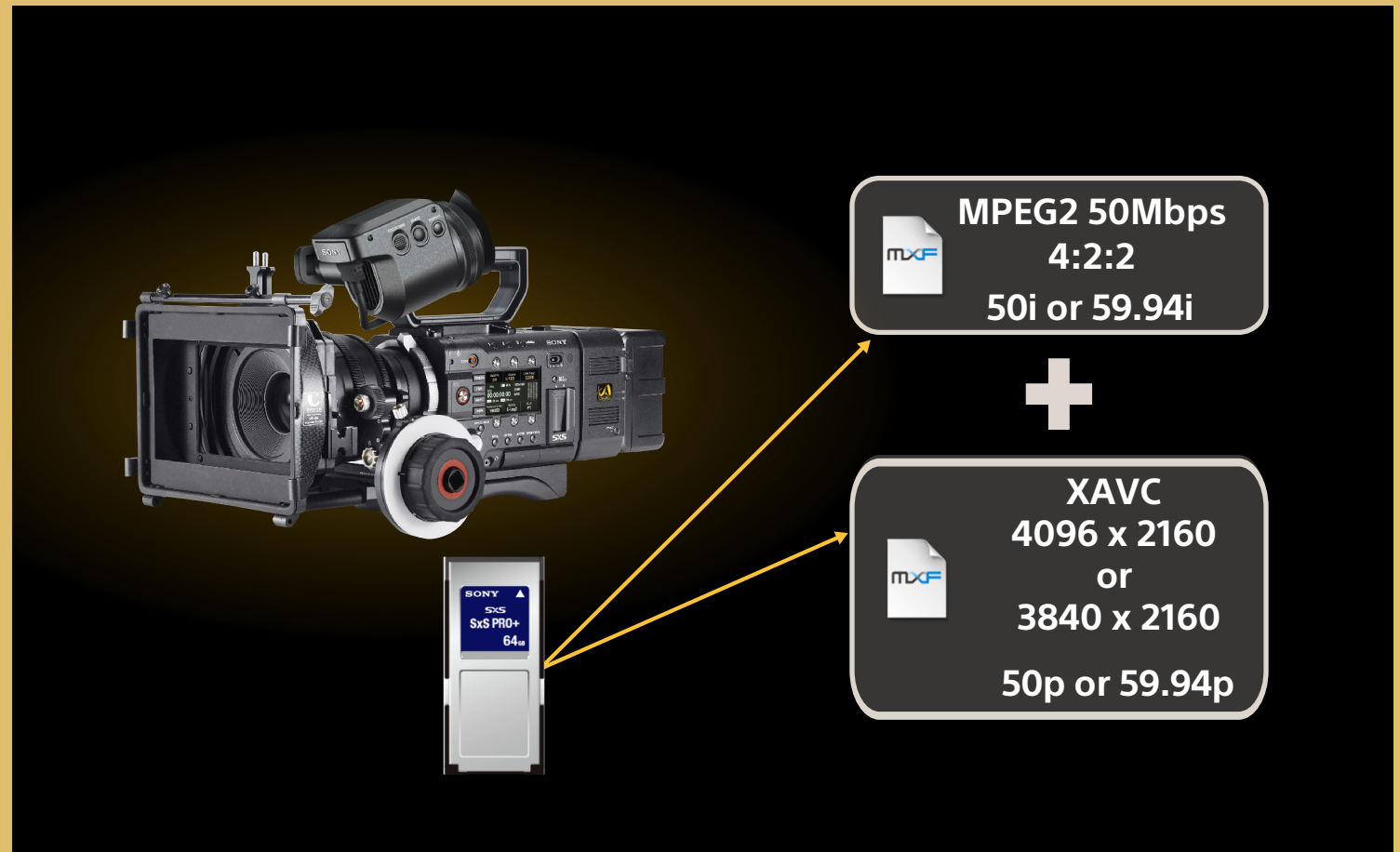For detailed information on firmware updates please visit www.community.sony.com