Sony lance un nouveau moniteur client le PVM-X550 55 pouces 4K OLED TRIMASTER EL, idéal pour vérifier les prises de vue en 4K lors de la production.Le PVM-X550 annoncé au NAB sera le tout premier moniteur OLED équipé du mode Quad View qui permet de personnaliser les paramètres d'affichage sur quatre vues distinctes en HD. Plus de détails :

- **Large screen 4K OLED picture monitor for precision colour grading and quality control :** The PVM-X550 55-inch* 4K OLED picture monitor offers a large 3840x2160 pixels high grade picture for critical monitoring performance. This high performance TRIMASTER EL™ OLED monitor gives you professional quality black performance, colour reproduction, quick pixel response, and accurate signal processing. Quad view display allows individual settings for each display. In addition, the PVM-X550 supports High Dynamic Range display and a wide colour gamut supporting DCI-P3 and most of the ITU-R BT.2020 standard. The monitor's thin bezel edges and lightweight makes it ideal for wall mounting and as a companion client monitor for the BVM-X300 for colour grading and quality control.

* 1387.8 mm viewable area, measured diagonally.

- **Quad view display :** The PVM-X550 provides quad view display, with Individual settings of EOTF(SDR/HDR), colour space, Transfer Matrix, Color Temperature, contrast, brightness, SDI/HDMI, RGB/YCBCR, etc. for each display.

- **High Dynamic Range :** Offers never-seen-before image reproduction – the black is black, and peak brightness can be reproduced more realistically with colours that are typically saturated in a conventional standard dynamic range. EOTFs of S-Log3, S-Log2, SMPTE ST2084, HLG SG 1.2 and HLG SG Variable are supported.

- **Supports DCI P3 and ITU-R BT.2020 wide colour spaces :** The PVM-X550 has a wide colour gamut supporting to DCI-P3 and most of the ITU-R BT.2020 standard*. Furthermore, it supports S-GAMUT3.cine and S-GAMUT3.

* The PVM-X550 does not conform to DCI-P3 or the BT.2020 colour space in full.

- **Multi-format capability :** The PVM-X550 can display various formats, such as 4K, 2K, UHD and HD at various frame rates.

- **High Dynamic Range display :** In addition to the intrinsic high-contrast performance of the TRIMASTER EL™ OLED panel, this monitor provides High Dynamic Range display. This offers never-seen-before image reproduction – the black is black, and peak brightness can be

reproduced more realistically with colours that are typically saturated in a conventional standard dynamic range. This mode can brilliantly express sparkling town lights and stars in the night sky.

- **Supports DCI P3 and ITU-R BT.2020 wide colour spaces :** The PVM-X550 supports industry leading wide colour gamuts, including the DCI P3 colour gamut and ITU R BT.2020 colour space*. S GAMUT3.cine and S GAMUT3 colour gamuts are also supported to achieve coherent cinematography production workflow with Sony's 4K cinematography cameras. Gamut marker is useful and helpful for wide colour video production. You can check what colors are outside of the ITU-R BT.709 or DCI-P3 in the ITU-R BT.2020.

* The PVM-X550 does not conform to DCI-P3 or the BT.2020 colour space in full.

- **3G-SDI Quad-link up to 4096 x 2160/48p 50p 60p, YCbCr 4:2:2 10-bit** :This picture monitor supports both 2 Sample Interleave (2SI) and Square Division signals. It also supports 3G/HD-SDI single link and dual link for HD signals, and also 3G-SDI dual link for 4K/30p, 25p and 24p.

- **Accurate black and colour reproduction :** A key advantage of TRIMASTER EL is the fact that each pixel can be turned completely off. No other display technology is able to offer this. TRIMASTER EL is capable of reproducing accurate black with each individual pixel, enabling users to evaluate each picture image faithfully to the signal.

- **Extremely wide viewing angle :** Sony PVM-X550 OLED TRIMASTER EL provides a superior viewing angle performance as compared to other flat panel technology available on the market. It makes easier to evaluate picture performance with a few viewers to see the same colours and contrast.

- **Sony S-Log Gamma, SMPTE ST 2084 and HLG support :** The PVM-X550 supports conventional 2.2, 2.4, 2.6, and CRT gamma. In addition, HDR (High Dynamic Range) EOTF tables are provided for 2.4 (HDR) S-Log2 (HDR), SMPTE ST.2084 (HDR), HLG SG 1.2 (HDR) and HLG SG Variable (HDR).

Picture Performance	
Panel	OLED panel
Picture size (diagonal)	1387.832 mm (54.6")
Effective Picture size (H x V)	1209.6 x 680.4 mm
Resolution (H x V)	3840 x 2160 pixels
Aspect	16:9
Pixel efficiency	99,99%
Panel drive	10-bit
Viewing angle (panel specification)	89°/89°/89°/89° (typical) (up/down/left/right contrast > 10:1)
Colour temperature	D55, D61, D65, D93, DCI*1, DCI XYZ, and user 1-5 (5,000 k to 10,000 k adjustable)
Standard luminance	100 cd/m² (100% white signal input)
Colour space (colour gamut)	ITU-R BT.2020*2, ITU-R BT.709, EBU, SMPTE-C, DCI-P3, PVM-X550 Native*3, S-GAMUT3, S-GAMUT3.cine
Transmission Matrix	ITU-R BT.2020 (Non-constant luminance is supported), ITU-R BT.709
EOTF	2.2, 2.4, 2.6, CRT, 2.4(HDR), S-Log3(HDR), S-Log2(HDR), SMPTE ST.2084(HDR), HLG SG 1.2(HDR), HLG SG V