

PVML-HSX1

HDR-SDR conversion license for
PVM-X3200/X2400/X1800



Overview

The PVML-HSX1 is an HDR-SDR conversion license for Sony's TRIMASTER high-grade picture monitors, PVM-X3200, PVM-X2400, and PVM-X1800. This license can be used to support Sony's proprietary HDR-SDR conversion when used in a live production environment. 4K to HD down-conversion and 3D LUT conversion can also be applied at the same time and output to external 4K/HD devices. Our tetrahedral LUT interpolation in the monitors ensures the highest level of processing for the best possible final results. This feature is activated via USB port on the front control panel of the PVM-X3200, PVM-X2400, and PVM-X1800. You can use this feature in versatile applications.

Notes: PVM-X2400 and PVM-X1800 monitors must be updated to V2.0 or later.

With V4.0 firmware, the PVM-X3200, PVM-X2400, and PVM-X1800 support two lower-priced and limited functional licenses of the PVML-SCX1 or PVML-TDX1. When you only need them without the Sony HDR-SDR conversion, the PVML-SCX1 is another choice. When you only need the 3D LUT baked output feature, the PVML-TDX1 is the license for that purpose.

Features

HDR-to-SDR conversion support*

The optional PVML-HSX1 HDR-SDR conversion license** enables the HDR-SDR conversion function of PVM-X3200, PVM-X2400, and

PVM-X1800 for use in a live production system.

The license activates 4K to HD downconversion; color space conversion from ITU-R BT.2020 to ITU R BT.709; and OETF conversion from HDR EOTF S-Log3 (HDR), ITU-R BT.2100 (HLG), SMPTE ST 2084 to SDR EOTF 2.4.

It also allows output of converted pictures to another 4K or HD monitor from the Enhanced Monitor Output that supports 12G- or 3G-SDI, even though an original 4K source is quad-link 3G-SDI. This function can be used at a remote site that can only be fed an HDR signal.

* PVM-X2400 and PVM-X1800 monitors must be updated to V2.0 or later first.

**PVML-HSX1 HDR-SDR conversion license available separately. HDR-SDR conversion is activated via the USB port of the front control unit.

User 3D LUT*

This license supports the output of signals with applied User 3D LUTs via the Enhanced Monitor Output to other 4K/HD devices further facilitating efficient workflows in live production, theater, drama, commercial, music, and documentary production environments. Our tetrahedral LUT interpolation in the monitors ensures the highest level of processing for the best possible final results.

*PVM-X2400 and PVM-X1800 monitors must be updated to V2.0 or later first.

Related products



**PVM-
X2400**



**PVM-
X1800**



**PVM-
X3200**



**PVML-
SCX1**

4K HDR TRIMASTER
high grade picture
monitor

4K HDR TRIMASTER
high grade picture
monitor

4K HDR TRIMASTER
high grade picture
monitor

Signal conversion
output license for
PVM-
X3200/X2400/X1800



PVML- TDX1

3D LUT baked output
license for PVM-
X3200/X2400/X1800

Gallery

