# LSM-A1

High Frame Rate software for
Sony Digital Cinema 4K
projection system



## Overview

**High Frame Rate capabilities made simple**

The High Frame Rate (HFR) software for Sony Digital Cinema 4K projection systems makes it easy to show 2D and 3D content in 2K at 48 frames per second (fps), 50fps, 60 fps as well as normal 24 fps.

Systems which include the software as standard include the latest, next generation Sony SRX-R510 and SRX-R515 4K digital cinema projection systems and the SRX-R510 DS, SRX-R515 DS and SRX-R320 DS dual projection systems.

All that is required for existing SRX-R320/LMT-300 and SRX-R220/LMT-200 systems to accommodate HFR movies is a simple software upgrade to V2.50 and purchase of the LSM-A1 High Frame Rate Licence. There is no additional investment in hardware or server technology required.

**Just a simple upgrade for SRX-R320 and SRX-R220 projection systems**
For new and existing customers of SRX-R320/LMT-300 and SRX-R220/LMT-200 4K digital cinema projection systems, the software upgrade for the media servers and projector heads is incredibly easy and convenient to install and requires a one-off licence purchase. No new hardware is required.

**Server optimisation**

The HFR software upgrade increases the media block bit rate capability to 500Mbps to accommodate the increased data rates of HFR images.

* Please note that in order to show 3D content the projector needs to have been installed/equipped with a 3D system.

Features

**High Frame Rate capabilities for all current Sony Digital Cinema 4K projection systems.**

The High Frame Rate (HFR) software ensures that all Sony 4K digital cinema projection systems can show 2D and 3D content at 48 frames per second (fps), 50fps and 60 fps in 2K to take advantage of the latest innovations in movie exhibition as well as handling normal 24 fps content. The software also supports 4K playback in 2D at 24fps.

**Simple software upgrade with no new hardware.**

Upgrading new and existing SRX-R320/LMT-300 systems and earlier SRX-R220/LMT-200 systems is incredibly easy and convenient to install and requires a one-off license purchase. No new hardware is required.

**Remote upgrade with CineWatch service**

For existing customers with the Sony CineWatch service and projector firmware V1.23 or above, the HFR upgrade can be remotely achieved via Sony's CineWatchservice with no on-site visit required. For other customers, only minor on-site labour is required, from a member of the Sony Service team or Sony Professional Solutions Specialist.

**SRX-R515P includes HFR software as standard**

The latest, next generation Sony SRX-R515P 4K digital cinema projection systems and SRX-R515DS dual 4K projection systems already include the HFR software as standard, meaning cinema

owners will immediately benefit from the technology.

### Server optimisation at 500 Mbps

At the same time as increasing frame rates, the Sony HFR software increases the bit rate that their servers can handle movie content to 500 Mbps.

Gallery