SONY

SRX-R515P

High quality 4K digital cinema projection system

Overview

True 4K projection ideal for independent cinemas

The SRX-R515P is designed for use in small or medium sized screen auditorium. The projection system, which has a smaller body than the SRX-R320, is fully DCI compliant and boasts design features that make it cost effective and simple to use. These include a low cost light source system that allows easy and safe lamp replacement, a washable air filter, a single 15-inch GUI control panel and iPad and Android tablet support for remote operations.

Ideal for independent cinemas, it offers true 4K quality from the lens to the integrated media block. It features an improved SXRD optical engine, high contrast ratio of 8000:1, 15,000 lumens brightness, Sony 3D, and high frame rate capabilities up to 60 frames per second. It also provides high-speed content ingest/transfer and high capacity storage.

True 4K images in lens and integrated media block

True 4K projection that conforms to the DCI specification.

Features

True 4K images in lens and integrated media block

The SRX-R515P offers true 4K projection that conforms to the DCI specification, with 4096 x 2160 pixels, four times the resolution of 2K and HD. The F2.5 large aperture lens is made from ELD (Extra Low Dispersion) glass to create super fine pitch 4K image. The SRX-R515P has a 4K SXRD panel and 4K lens for true 4K images at the highest resolution.

Easy-on-the-eye Sony 3D performance with no flashing

Sony's unique dual lens system displays 3D movies at their native 2K resolution. The dual lens combined with 3D technology projects the Left and Right eye images simultaneously to achieve crisp 3D images, giving none of the flashing problems associated with systems that use "triple flash" image alternation technology.

High contrast for life-like images

The SRX-R515P optical engine can create high contrast 8000:1 images by reducing leaked light, giving a more life-like picture with very dark blacks.

Cost effective lamp technology ensures easy and safe lamp replacement

The SRX-R515P light technology features an array of six high pressure mercury lamps for high quality brightness and improved durability. The system keeps operating with the remaining lamps if one goes out. It is easy and safe to replace lamps and the lower lamp replacement costs reduces overall running costs.

High brightness on screens up to 12 metres wide

The SRX-R515 offers high brightness of 15,000 lumens optimised for small and medium sized screens up to 12 metres wide.

Small body creates more operating space

The 1015cm x 546cm body allows installation in smaller projection booths and creates more operating space. At the same time, the body structure forms a security enclosure specifically developed to comply with the FIPS-140/2 physical security and anti-tamper requirements specified by the DCI.

High speed content ingest/transfer and high capacity storage

The SRX-R515P features high network transfer speeds via USB 3.0, allowing theatre managers to create flexible show scheduling. Storage capacity from 4TB up to a possible 8TB.

Larger size GUI and remote tablet control of screen management system software

The SRX-R515 has a large 15-inch Graphical User Interface (GUI) that is consistent with the Sony Theatre Management System. It allows the operator to set up the projector, manage content and create a complete show-schedule. In addition, the system supports both iPad and Android tablet remote control to make theatre operation more effective.

Flexible alternative content input configuration

The SRX-R515P is fitted with 2 HDMI as standard.

Specifications

Display system

Display system	4K SXRD projection system

Display device

Size of effective display area	1.48" x 3 SXRD
Number of pixels	26,542,080 (4096 x 2160 x 3) pixels

Light source

Type	High-pressure mercury lamp
Wattage	450 W (6) or 330 W (6) type

Light output

450 W lamp	15,000 lm

Contrast ratio *1

450 W lamp	8,000:1

INPUT OUTPUT

Video input	HDMI (1) *2
Audio output	Unbalance, 8 channels, 24 bit, 48/96 kHz, linear PCM, D-sub 25-pin (female) (1) AES/EBU, 16 channels, 24 bit, 48/96 kHz, linear PCM, D-sub 25-pin (female) (1)

Playback format

JPEG 2000	4K 2D: 24p 2K 2D: 24p/25p*3/29.97p*3/30p*3/48p/60p 2K 3D: 24p/29.97p*3/30p*3/48p/60p
MPEG2*4	MP@HL, YUV420 /422 8 bit, 80 Mbps (max.) bitrate, 1920 × 1080, 23.98p/24p/25p

Operating temperature (Operating humidity)

Operating temperature (Operating humidity)	5°C to 35°C (41°F to 95°F) / 35% to 85% (no condensation)

Storage temperature (Storage humidity)

Storage temperature (Storage humidity)	-20°C to +60°C (-4°F to +140°F) / 10% to 90% (no condensation)

Power requirements

Power requirements	AC 200 V to 240 V, 21.5 A to 18 A, 50/60 Hz, Single Phase

Dimensions (W x H x D)

Dimensions (W x H x D)*5	W548 x H634 x D1119 mm

Mass

Mass	Approx. 145 kg (Excluding touch panel monitor, lamp and lens)

Optional accessories

Replacement lamp (6 pack)	LKRM-U450/LKRM-U330
Projection lenses (2D)	LKRL-Z511/LKRL-Z514/LKRL-Z519
Projection lenses (3D)	LKRL-A502 PACK/LKRL-A503 PACK/LKRL-A502/LKRL-A503
3D Lens Filter	LKRA-005
Lens Change Table	LKRA-008

Notes	
*1	The value is average.
*2	Audio signals included in HDMI cannot be output from the audio output connector of this unit.
*3	Digital watermarking (Watermarking) is not supported.
*4	Digital watermarking (Watermarking) and playback of subtitle files are not supported.
*5	Including lens shift block and feet. Excluding touch panel monitor and projection parts (Status lights, ducts, etc.)

Environmental notice for customers in the USA

Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or see www.sony.com/mercury for additional information.