finity

SRX-R815DS

High brightness and contrast for spectacular big-screen 4K images

Unforgettable high contrast images for bigger screens The **SRX-R815DS** dual projection system brings the same industry-leading 10,000:1 contrast ratio to cinema operators' larger screens. With a powerful 30,000 lumen total light output, it delivers reference light levels for 2D presentation on screens up to 24.9m (14fL on white screen 1.8 gain), or 3D on screens as large as 26.3m (4.5fL on silver screen with 2.4 gain).

Ready for HDR
Like the SRX-R815P, the high-contrast SRX-R815DS can easily be upgraded via an optional license to support High Dynamic Range (HDR) presentation. Audiences can enjoy high-contrast images with an expanded range of brightness levels – from brighter highlights to deep blacks and shadow detail.

Smooth, high-brightness 3D made simple
With the SRX-R815DS there's no need to swap lenses or reconfigure projectors for 3D screenings. Separate left-and right-eye images are displayed continuously by the two projectors, with 2K content upscaled to 4K resolution.

Flexible installation
The SRX-R815DS system features two matched projector units that can be operated either side-by-side or stacked vertically to suit any projection booth.

Quick, easy auto alignment
Set-up is quick and easy, using the smart auto alignment system that comes included with the SRX-R815DS. Auto convergence alignment ensures accurately-calibrated images across the whole cinema screen.

Long-lasting laser light source

The long-lasting laser phosphor light source maintains consistent image brightness over a long period, with light levels reducing by just 20% over 35,000 hours* of typical operation. It also reduces operational maintenance overheads, removing the need for regular lamp changes and alignment while simplifying lamp inventory management.

High speed content ingest/ transfer and high capacity storage

Quick ingest with high network transfer speeds via USB 3.0 assists theatre managers with flexible show scheduling. Storage capacity is expandable from 4TB up to a maximum 8TB.

Large, intuitive GUI

The large 15-inch Graphical User Interface (GUI) allows easy projector set-up, content management and creation of complete show schedules.

Integrated cinema server and media block with Dolby Atmos support

Included with the system, the XCT-S10 cinema server and XCT-M10 integrated media block (IMB) support optional Dolby Atmos for a thrillingly immersive surround sound experience.

Intermission functionality

Insert revenue-boosting intermission content as a key concessions driver wherever you want in the Show Play List. Intermission duration can be pre-set or over-ridden manually.

Integrated screen management software

Built-in Screen Management System (SMS) software allows direct control, monitoring and auditorium set-up without the need for an external PC.

DCI compliant

Like every other Sony cinema projection system, the SRX-R815P and SRX-R815DS have been independently certified, meeting stringent industry standards for content security and exceeding specifications set by the DCI (Digital Cinema Initiatives) for picture quality - assuring operators and audiences of crystal-clear, high-impact images.

The secure solution

Each projector's body structure forms a security enclosure specifically developed to comply with FIPS physical security and anti-tamper requirements specified by the DCI. With the SRX-R815DS, both projectors are linked by a DCI compliant security conduit.

*long term light source performance is dependent on environmental factors

The SRX-R815P and SRX-R815DS require external chillers to provide liquid cooling for the light source. Please contact your local Sony sales office for details.

SRX-R815P Specifications

	SRX-R815P
Display system	
Display system	4K SXRD projection system
Display device	
Size of effective display area	1.48" x 3 per projector
Number of pixels	26,542,080 (4096 x 2160 x 3) pixels per projector
Contrast ratio	10,000:1
Light source	
Type	Laser Diode
Brightness stability	35,000H / 80% (25°C room temperature)*5
Light output (average)	
Laser Diode	15,000 lm per projector
Input Output	
Video input	HDMI (1.4) x 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*1/29.97p*1/30p*1/48p/60p 2K 3D: 24p/29.97p*1/30p*1/48p/60p
MPEG2*2	MP@HL, YUV420 /422 8 bit, 80 Mbps (max.) bitrate, 1920 × 1080, 23.98p/24p/25p

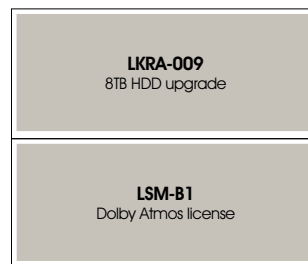|	SRX-R815P
Operating temperature (Operating humidity)	
Operating temperature	5°C to 35°C (41°F to 95°F)
Operating humidity	35% to 85% (no condensation)
Storage temperature (Storage humidity)	
Storage temperature	-20°C to +60°C (-4°F to +140°F)
Storage humidity	10% to 90% (no condensation)
Power (per projector)	
Power requirements	AC 200 V to 240 V, 21.5 A to 18 A, 50/60 Hz
Power consumption	AC 200 V to 240 V, 19.3A to 16A, 50/60 Hz
Power (XCT-S10 server)	
Power requirements	AC 100 to 240V, 50-60Hz, Single-phase, 2.2A to 1.0A
Power consumption	Max. 240W
Dimensions (W x H x D) (per projector)	
Dimensions (W x H x D)	W 544 x H 827 x D1,239 mm*3
Mass (per projector)	
Mass	Approx. 230kg*4

*1 Digital watermarking (Watermarking) is not supported. *2 Digital watermarking (Watermarking) and playback of subtitle files are not supported. *3 Including lens shift block and feet. Excluding touch panel monitor and projection parts (Status lights, ducts, etc.) *4 Excluding light source, lens, and touch panel monitor. *5 Based only upon deterioration of light source (laser diode) at 25°C room temperature, and, does not take account of other environmental factors such as dust etc.

The SRX-R815P and SRX-R815DS require external chillers to provide liquid cooling for the light source. Please contact your local Sony sales office for details.

3D Projection Systems

Sony 3D Glasses Adult
Circular Polarising Glasses for Sony Digital Cinema 3D Systems (Adult size; Box of 50)

Sony 3D Glasses Child
Circular Polarising Glasses for Sony Digital Cinema 3D Systems (Child size; Box of 50)

Accessories

LKRA-009
8TB HDD upgrade

LSM-B1
Dolby Atmos license

LKRA-008
Lens change table for SRX-R800 & SRX-R500 Series projector

2D Lenses

LKRL-Z511
Superb 4K Lens for the SRX-R515P and SRX-R510P

LKRL-Z514
Superb 4K Lens for the SRX-R515P and SRX-R510P

LKRL-Z519
Superb 4K Lens for the SRX-R515P and SRX-R510P

3D Lenses

LKRL-A502 Pack
Combined 3D dual lens (short throw) and 3D polarising filter system for SRX-R800 & SRX-R500 Series single projector

LKRL-A503 Pack
Combined 3D dual lens (long throw) and 3D polarising filter system for SRX-R800 & SRX-R500 Series single projector

Distributed by

Sony is the leading supplier of AV/IT solutions to businesses across a wide variety of sectors including, **Media and Broadcast, Video Security, Medical, Digital Cinema and Displays**. It delivers products, systems and applications to enable the creation, manipulation and distribution of digital audio-visual content that add value to businesses and their customers. With over 25 years' experience in delivering innovative market-leading products, Sony is ideally placed to deliver exceptional quality and value to its customers. Collaborating with a network of established technology partners, Sony delivers end-to-end solutions that address the customer's needs, integrating software and systems to achieve each organisation's individual business goals. For more information please visit **www.pro.sony.eu**

Follow us on Twitter at @SonyDCinema4K / www.twitter.com/sonydcinema4K

HCT_SRX-R815P_SRX-R815DS_Datasheet_J6027_ENG_05/10/17_V1

SONY

Cinema without compromise