

SRX-T423

23,000 lumens Ultra High Resolution 4K projector



Overview

Our brightest professional 4K resolution (4096 x 2160) SXRD™ 3D dual-projection system is ideal in large-scale venues

The SRX-T423 is the brighter yet Sony projector – an incredible 23,000 lumens, increasing up to 30,000 in high brightness mode. It more than doubles the light efficiency of competitive 3D systems, with 40,000 lumens of 3D brightness as dual-projection, delivering a contrast ratio of 3,000:1. The projector's 4096 x 2160 pixel matrix achieves more than 8.8 million pixels ultra high resolution.

With installation flexibility, the SRX-T423 is ideal in large-scale commercial and educational venues. It can be easily deployed for a wide range of entertainment, auditorium and lecture hall, simulation, theme park, museum, and planetarium applications. Along with ease of use, system integrators and A/V professionals appreciate a reduction of maintenance issues with this projector. They can switch lenses from other SRX-T100/T400 Series projectors with the SRX-T423, and can readily deploy this projector in dome configurations as it offers a vertical tilt angle of +/- 30 degrees.

Features

8.8 megapixel resolution at 4096(H) x 2160(V)

The 4096 x 2160 native resolution of the SXRD 4K panel represents over four times the resolution of full HD (1920 x 1080 pixel) projectors. The panel can display a single ultra high resolution image up to 4096 x 2160 pixels or be switched to simultaneously display separate images in Quad HD configuration on-screen.

High brightness projection especially in dual projection 4K3D

The SRX-T423 delivers an incredible 23,000 lumens, increasing up to 30,000 lumens in high brightness mode. It more than doubles the light efficiency of competitive 3D systems, with over 20,000 lumens of 3D brightness as dual-projection.

Flexible installation

SRX-T423's very flexible installation capability of tilted installation and lens shift stands out from all the other high brightness 4K projectors.

Better Lamp TCO

SRX-T423 with HBM achieves 30klm with low lamp wattage 4.2 kW and that costs lower than competitive high brightness projection systems.

Good image quality even in close-screen

The on-screen pixels projected by the SRX-T423 projector are approximately ¼ of the size of pixels displayed by HD projectors, for any given screen size. Additionally the SXRD 4K display panel has tiny inter-pixel spacing and specifically designed 4K lens to

ensure that no pixel structure can be seen in the on-screen image when viewed at close quarters.

Variety of lens and video input boards options

The LKRL-Z series of zoom lenses offers solutions for a range of installations requiring throw ratios from 1:1 to 7:1. Most lenses in the LKRL-Z series have a lens memory function enabling the zoom and focus settings for a number of image formats to be stored in the projector memory for quick reframing when switching between sources with different image formats. The LKRI series of video input boards offer solutions for range of installation requiring to handle either DVI-D signals, HD-SDI high definition video signals or HDMI signals.

Specifications

Display System	
Display System	4K SXRD projection system
Display device	
Size of effective display area	1.55" x 3 SXRD
Number of pixels	26,542,080 (4096 x 2160 x 3) pixels
Projection lens	
Focus	Powered
Zoom	Powered
Lens shift	Manual
Light source	
Type	Xenon lamp
Wattage	4.2 kW type
Recommended lamp replacement time *1	
Recommended lamp replacement time *1	600 H
Light output	
Light output	23,000 Center lumens / 21,000 lumens*3 with factory default configuration 30,000 Center lumens / 27,000 lumens*3 with High Brightness Mode configuration*2
Contrast ratio	
Contrast ratio	3,000:1

INPUT OUTPUT (Computer/Video/Control)

Video Input	4K 60p video input ready
REMOTE	RS-232C connector: D-sub 9-pin (female)
LAN	RJ-45, 10BASE-T/100BASE-TX

Installation capability

Tilt angle	-30 degree to +30 degree
Rotation angle	-10 degree to +10 degree

Operating temperature / Operating humidity

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

Storage temperature / Storage humidity	-20°C to +60°C (12°F to +140°F) / 10% to 90% (no condensation)
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Power requirements

Power requirements	AC 200 V to 240 V, 28 A to 23.4 A, 50/60 Hz, Single Phase
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Dimensions (W x H x D)

Dimensions (W x H x D)	Approx. 700 x 640 x 1250 mm (27.6 x 25.2 x 49.2 inches)
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Mass

Mass	Approx. 181 kg (399 lb)
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Optional accessories

Replacement lamp	LKRX-2042A
Projection lenses (2D)	LKRL-Z211/LKRL-Z214/LKRL-Z219/LKRL-Z140
Projection lenses (3D)	LKRL-A002/LKRL-A003
Video Input Board	LKRI-003/LKRI-005/LKRI-006

Notes

The figures are expected maintenance time

*1	and not guaranteed. They will depend on the environment or how the projector is used.
*2	Sony unique brightness enhancement mode
*3	Those brightness are measured in accordance with ISO 21118. It is usually called "ANSI lumen".

Gallery

