SRXR320P

SRX-R320P 4K
DCinema Projector W/
LMT300

Pricing available upon
request

UPC: 027242260061

Overview

The SRX-R320P system is a floor standing 4K (4096 x 2160 pixel) projection system intended for theater exhibition. The SRX-R320P model name encompasses the entire system, not just the projector. This includes SRX-R320P Projector Head, LMT 300 Media Block (1.7TB Storage Capacity), STM-100 Theater Management System, Projectionist Terminal, and Enclosure Security System. The system also includes HDSDI and DVI inputs for alternate content. The SRX-R320P projector is equipped with three Silicon X-tal Reflective Display (SXRD™) devices, delivering more than four times the resolution of full HDTV (1920 x 1080), achieving a high contrast ratio of 2000:1. There are four models of lenses available for this projector and a single lamp system. With 4.2kW lamp, SRX-R320P achieves 14ft-L on 20-meter wide screen.Lenses can be selected using the SRX lens calculator available from marketing or from the SRX web site. The system is very heavy and it is highly recommended that field service install it. Dimensions are 27.5 inches wide, 29.9 inches tall, and 49.2 inches deep. Lamps and lens must be installed on site by qualified installers. Lamps are shipped separately as hazardous materials.

Highlights

* 21,000 Lumens (with 4.2KW lamp) output at 2000:1 Contrast Ratio
* 4096 x 2160 pixel count
* Complete system in a box allows for simple integration, includes all items to ingest, manage and play movie content
* Multiple white point display including DCI, ITU 709, and Virtual White Point
* Display of color gamut as large as specified in DCI Recommendation V1.1
* Selectable gamma curves from Gamma 1.8, 2.2 or 2.6
* Inputs 2 LVDS for LMT-300, DVI-D with HDCP (standard), HD-SDI Dual Link (optional)
* Zoom memory allows automatic screen size selection operated from auditorium schedule

* Constant luminance function keeps the same brightness on screen regardless of lamp life
* Color space conversion system allows alignment of the color primaries and white point
* Key security system with remote monitoring allows content to remain secure
* Ethernet control to separate PC through secure TLS session
* Sony exclusive internal watermark system
* Projectionist terminal is located at the back of the projector for easy operation
* Lamp can be changed from the back of the projector without having to enter secured areas or moving the system
* Remote system monitoring is available from the service group

Specifications

General Specifications	Detail
Weight	429 lb (195 kg) (excluding an optional lamp and a lens)
Dimensions (W x H x D)	27 5/8 x 25 1/4 x 49 1/4 inches (700 x 640 x 1250 mm) (excluding a touch-panel display and projecting parts of the unit such as a status light and a chimny)
Power Requirements	AC 200 V to 240 V, 50/60 Hz, single-phase, 27 A to 22.5 A
Power Consumption	Max. 5.4 kW (USHIO DXL-40SRX 4.2 kW lamp) Max. 4.2 kW (3.0 kW lamp) Max. 3.0 kW (2.0 kW lamp)

Input Signal	Media Block input (x2): 4096 x 2160 pixels HD-SDI/Dual-link HD-SDI*: 1920 x 1080 pixels (SMPTE-372M/SMPTE-292M/ITU-R.BT709/BTA-S004) DC-SDI/Dual-link DC-SDI*: 2048 x 1080 pixels 12 bit/X'Y'Z' (with Dual-link HD/DC-SDI Input Board) DVI-D: XGA (1024 x 768), SXGA1 (1280 x 960), SXGA2 (1280 x 1024), SXGA+ (1400 x 1050), UXGA (1600 x 1200), WUXGA (1920 x 1200), HD (1920 x 1080), DC (2048 x 1080)
Operating Humidity	35% to 85% (no condensation)
Operating Temperature	41 °F to 95 °F (5 °C to 35 °C)
Storage Temperature	12 °F to 140 °F (-20 °C to +160 °C)

Optical Specifications	Detail
Projection System	3-SXRD panel, prism color integrated system
Light Output	21000 lumens (average, USHIO DXL-40SRX 4.2 kW lamp)
Lamp	4.2 kW Xenon lamp (x1) or 3.0 kW Xenon lamp (x1) or 2.0 kW Xenon lamp (x1)
Image Device	SXRD, 1.55-inch (diagonal), 4096 (H) x 2160 (V) pixels on each chip
Screen Coverage	4.5-meter (15-foot) to 15-meter (56-foot) screen width on Scope size (USHIO DXL-40SRX 4.2 kW lamp and LKRL-A001 anamorphic lens) 4.5-meter (15-foot) to 13-meter (43-foot) screen width on Scope size (3.0 kW lamp) 4.5-meter (15-foot) to 10-meter (35-foot) screen width on Scope size (2.0 kW lamp)

Input/Output Specifications	Detail
Input A	DVI-D (HDCP)
Input B	Open (option slot for the LKRI-003 or LKRI-005 board)
Input C	A channel: MDR- 68-pin (x1) (for projector output A of Media Block, SRLV connection) B channel: MDR- 68-pin (x1) (for projector output B of Media Block, SRLV connection)
Interlock	D-sub 15-pin (female) (x1), RS-232C For supply of power to an external ventilation fan and control of its operation
Remote Control	D-sub 15-pin (female) (x1), RS-232C RJ-45 (x1), 10BASE-T/100BASE-TX Ethernet DCP ingest port (x1)

Other Specifications	Detail
Safety Regulations	[UL60950 listed], [cUL60950], [FCC Class A], [IC Class A], [VCCI Class A], [EN60950], [CE Class A], [C-tick], [CISPR22], [CISPR24]

Accessories

Supplied Accessories

Model:	Description:	U.S.List Price
	Lens cover (1 set), Keys for removing panels (2),	Pricing available upon request
	Keys for lamp replacement panel (2),	Pricing available upon request
	Lens attachment screws (M8) (4),	Pricing available upon request
	Status indicator lamp (1), TPC adaptor (1 set),	Pricing available upon request
	One-touch bush (1), Attachment screws for status	Pricing available upon request
	indicator lamp and TPC adaptor (1 set),	Pricing available upon request
	Duct for LMT-300 (A) (1), Duct for LMT-300 (B) (1),	Pricing available upon request
	LVDS cables (2), CSS cable (1), Ethernet cable (1),	Pricing available upon request
	Operating instructions (1)	Pricing available upon request

Resources

Description:	Release Date	Type/Size
SRXR320P The Next Generation of 4K Digital Cinema		pdf / 1,529K