

SRX-T110 | SRX-T105

SXRD 4K Ultra High-resolution Projectors



4K

SXRD

SONY

Bringing More Information and Enabling Greater Immersion



The SRX-T110 and SRX-T105 Projectors Offer Ultra-high 4K Resolution and 11K/5.5K Lumens Brightness

Responding to the ever-increasing demand for highly sophisticated visuals, Sony launched a series of SXRD™ ultra high-resolution projectors – the SRX-R110/SRX-R105 and the SRX-S110/SRX-S105.

Once launched, these projectors rapidly acquired a great reputation with many customers due to their outstanding picture quality and stunning performance.

Now, Sony is proud to introduce the next generation of SXRD 4K projectors: the SRX-T110 and SRX-T105, advanced projectors designed to meet the evolving needs for ultimate picture quality.

The SRX-T110 and SRX-T105 are equipped with three Silicon X-tal (crystal) Reflective Display (SXRD) devices and deliver an amazing resolution of 4096 x 2160 pixels (H x V) – more than four times the resolution of full HDTV (1920 x 1080).

This high-resolution capability allows 2K (2048 x 1080) images to be displayed simultaneously in four quadrants or in a twin “side by side” display. The projectors also offer a contrast ratio of 2500:1. In addition, the SRX-T110 provides a high brightness of 11,000 lumens, while the SRX-T105 offers a brightness of 5,500 lumens. The use of twin Xenon lamps, combined with multiple gamma curves of 2.2, 2.6, and user-defined values, means they offer pure, high-quality colour tonal reproduction.

Sony SXRD 4K projectors are the ultimate tool for projecting images in a range of applications such as visual simulation, command & control, entertainment ride, digital planetarium and much more.

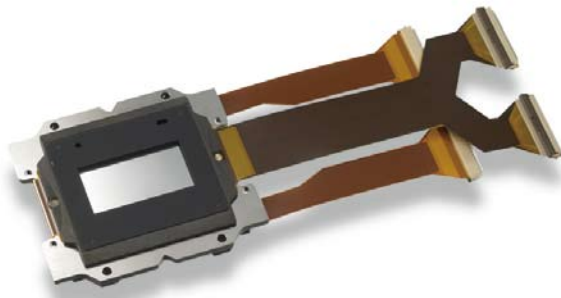


State-of-the-art Technology for High Picture Quality

Silicon X-tal Reflective Display (SXR) Device

The SXR device used by the SRX-T110 and SRX-T105 is a 1.55-inch* Liquid Crystal on Silicon-based display device developed by Sony using cutting-edge manufacturing technology. High-quality, accurate visuals are created using this brilliant display device.

* Measured diagonally.

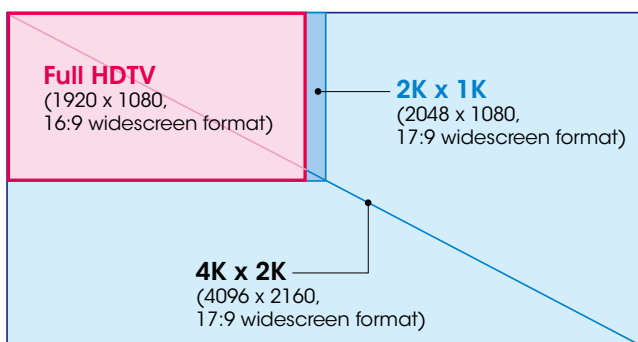


High Resolution 4K

Sony SXR display devices deliver the exceptionally high resolution of 4K x 2K (4096 x 2160, 17:9 widescreen format), more than four times as many pixels as Full HDTV (1920 x 1080, 16:9 wide screen format).

The SXR device helps to achieve this resolution by incorporating nearly 8.85 million pixels per device at a narrow pitch of 8.5 micrometers. These high-density pixels, which are one quarter the size of pixels projected using typical 2K x 1K resolution projection systems (2.2 million pixels), provide an amazing picture. Even in multi-screen mode, full 2K resolution per quadrant can be achieved.

The resolution available from the Sony SRX-T110 and SRX-T105 enables a new level of visual projection.



High 2500:1 Contrast Ratio

The SRX-T110 and SRX-T105 offer a high contrast ratio of 2500:1 through the use of Sony's unique SXR device. The SXR device itself achieves a contrast ratio of 4000:1. This stunning picture quality makes the projectors ideal for applications in which dynamic range is essential. The high contrast ratio has been achieved through two key technologies – the exclusive 'normally black mode' system and an extremely thin liquid crystal cell gap.

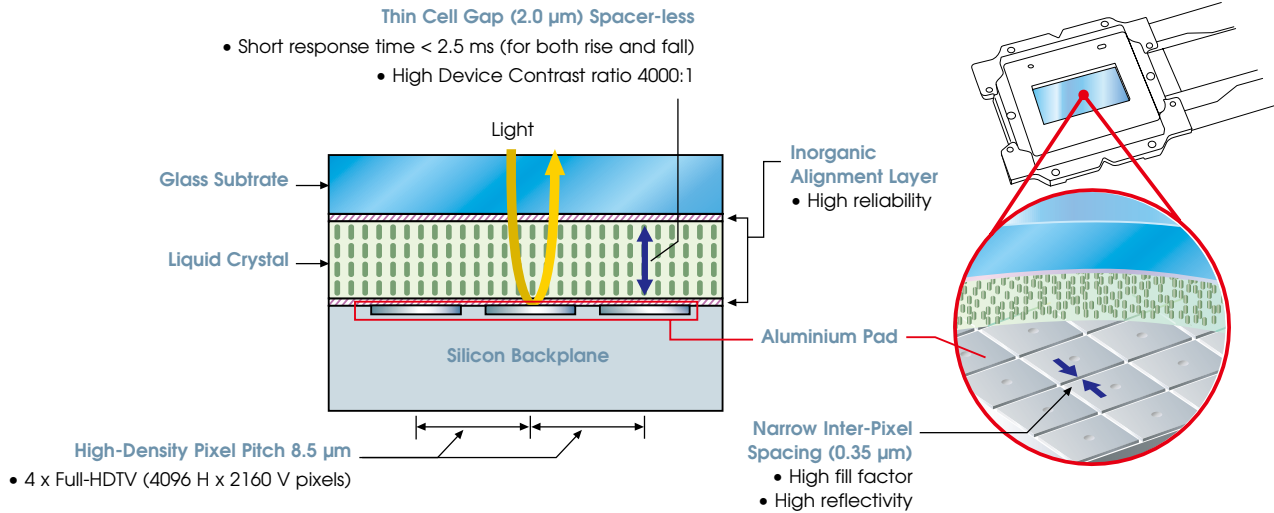
'Normally Black Mode' System

In every type of projector system, displaying absolute black is a major issue in order to achieve a high contrast ratio. In other words, the contrast ratio of a projector depends on how effectively the light from the source can be blocked, so it does not leak through the display device.

All Liquid Crystal Display (LCD) devices control the amount of light to be projected by applying an electric field to the liquid crystal gap. In typical LCD devices, black is produced when an electric field is applied across the liquid crystal cell gap. However, molecules near the surface of the glass substrate may not be accurately controlled due to the influence of the alignment film. This is not an issue for bright images but, when displaying dark images, light may tend to leak from the LCD device, since the molecules near the surface are less accurately controlled. This results in a creamy black instead of a deep black.

The SXR device does not exhibit these characteristics. This is because the 'normally black mode' system displays black when the electric field is not applied and, because all molecules are in the correct alignment, the polarised light alignment is also optimised. The direct result is a far deeper black level, leading to a high contrast ratio.

SXRD Cross-Section View



Thin Liquid Crystal Cell Gap

Another important factor allowing for the high contrast of the SRX-T110 and SRX-T105 is the SXRD device's ultra thin cell gap of less than 2 micrometers. With conventional 'vertically aligned liquid crystal' systems, a thin cell gap could not be achieved. Sony has overcome this difficulty through the use of innovative planarisation technology in the silicon backplane structure and an advanced silicon wafer-based assembly process.

The SXRD device also adopts a structure that does not use "spacers". These are columns found in conventional reflective liquid crystal devices to maintain a constant gap between the liquid cell floor and the top of the device. Spacers tend to both scatter and reflect light, which can impair high contrast pictures. In the spacer-less SXRD device, these artifacts are no longer seen.

Short Response Time

The thin cell gap structure in SXRD devices also contributes to an ultra-fast response time of 2.5 milliseconds (for both rise and fall). The SXRD device reacts promptly to an instantaneous change of picture content, enabling SXRD-based projectors to display a smooth motion. Consequently, the SRX-T110 and SRX-T105 virtually eliminate motion blur; a particularly significant benefit for visuals that include fast-moving objects.

Reliable Display Device

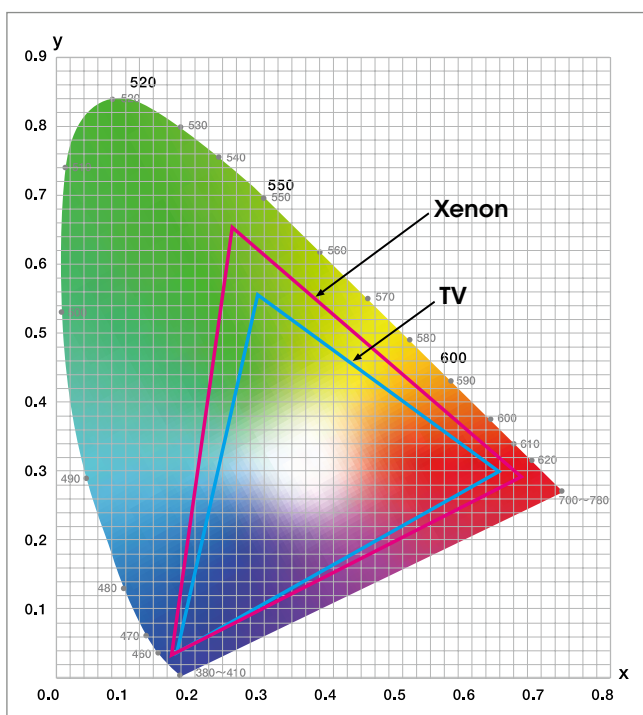
The SRX-T110 and SRX-T105 use high-power, bright lamps. As a result, special attention has been paid to the reliability of the SXRD device. The inorganic materials utilised for the alignment layer of the SXRD device are resistant to deterioration or deformities that could occur due to the intense heat and light generated by the powerful twin lamp system.

Highly Pure, Superb Colour Tonal Reproduction

Xenon Lamp Provides Highly Bright and Pure Light Source

The SRX-T110 provides a high brightness of 11,000 lumens by employing two 2 kW Xenon lamps, while the SRX-T105 offers a brightness of 5,500 lumens by using two 1 kW Xenon lamps.

The Xenon lamps utilised by the SRX-T110 and SRX-T105 achieve a wide colour range by dispersing a very flat and wide light spectrum.



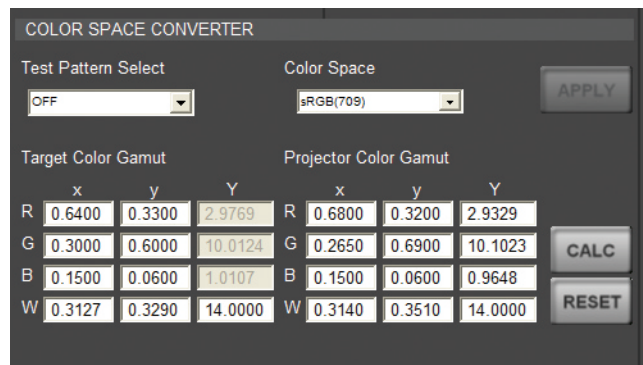
CIE Chart

Colour Space Conversion (CSC) Function

The SRX-T110 and SRX-T105 feature a CSC function to help users easily adjust the projector's colour space to that defined by the ITU*-R BT.709-3 standards for digital HDTV studio colour space, the DCDM (Digital Cinema Distribution Master) colour space, or the Adobe RGB colour space**. The target colour gamut parameters satisfying the ITU-R BT. 709-3 standards, or DCDM or Adobe RGB specifications are automatically calculated from settings on the supplied SRX Controller software and then applied to the projector.

The internal test generator simplifies adjustment and lets the operator align the projector in minutes. White point and colour primary points can be aligned to either of these standards or to the customer's application needs.

* International Telecommunication Union
 **The Adobe RGB colour space is covered by 95%.



Gamma Curve Selection

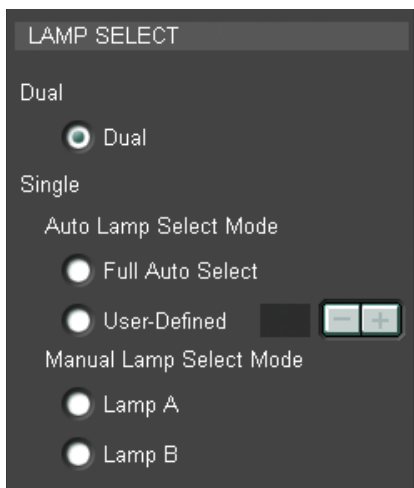
The SRX-T110 and SRX-T105 provide three preset gamma curve values. Users can select an optimum value from 2.2, 2.6, or user-defined values according to the desired gray scale.

Operational Versatility

Dual-lamp System with Selectable Lamp Modes

The SRX-T110 and SRX-T105 adopt a unique lamp system that uses two lamps for reliable, flexible and efficient use of light sources. With this dual-lamp system, users can operate the projector using both lamps for full brightness, or can select single-lamp operation. The dual-lamp mode provides maximum lamp power and at the same time enables virtually fail-safe operation; if one bulb burns out, the other can keep projecting images.

In single-lamp mode, users can select either of the two lamps manually, or the projector can automatically select a lamp based on each lamp's operating time. Another automatic mode is provided to make the lamps operate alternately at user-defined intervals selectable from four hours to twelve hours (in increments of one hour). This feature is useful when lamp life needs to be maximised. The lamp power can be set between 100% and 51%, in eight steps. This function, combined with the selectable lamp modes, contributes to achieving longer lamp life.



Variety of Lenses

Five optional zoom lenses and a short throw prime lens are available for the SRX-T110 and SRX-T105. They are designed to project images of extreme resolution and contrast with minimal chromatic aberration. The short throw lens works in special applications, such as rear projection, where minimal space behind the screen is desired.

Zoom/Focus Memory Function

The SRX-T110 and SRX-T105 are equipped with Zoom and Focus Memory functions that make it easy to switch the projection between two types of aspect ratios. When used with the optional LKRL-Z117, LKRL-Z119 and LKRL-Z122 Zoom Lenses, any seven zoom and focus positions can be memorised and instantly recalled via the SRX Controller software. This allows full screen display regardless of the aspect ratio. An electronic vertical alignment feature is included in the same memory to compensate for vertical changes in the image, should the projector be mounted at a down angle.

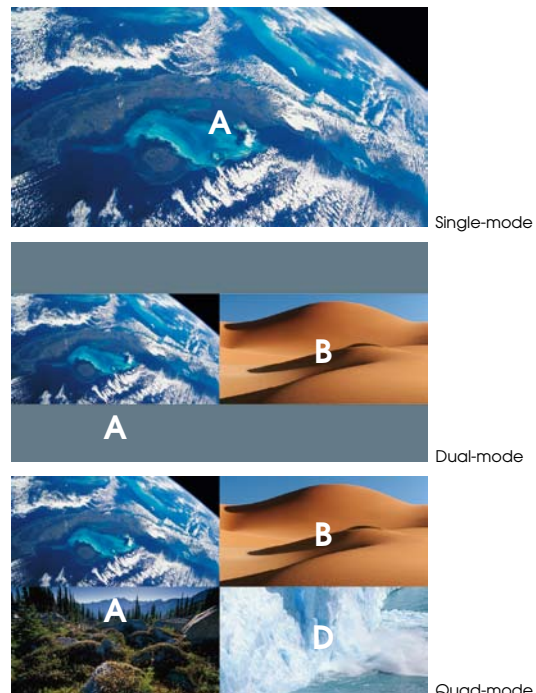


LKRL-Z122 Zoom Lens

Multiple Screen Capability

The SRX-T110 and SRX-T105 offer a choice of single-mode, dual-mode and quad-mode display. In quad mode, four quadrants of images are projected. At maximum resolution, these four quadrants can project four different 2K (2048 x 1080) images simultaneously or a single 4K (4096 x 2160) image made up of four 2K images*.

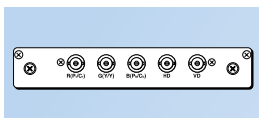
* For 4K projection, it is necessary to divide an entire image into four quadrants and to input the signals of all quadrants simultaneously.



Operational Versatility

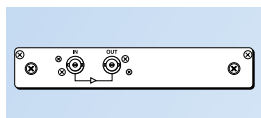


Option slots



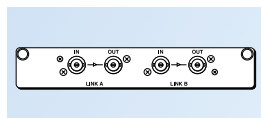
LKRI-001

Analogue Input Board



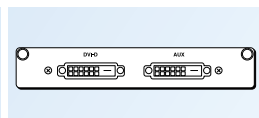
LKRI-002

HD-SDI (4:2:2) Input Board



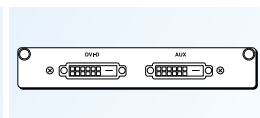
LKRI-003

Dual-link HD-SDI Input Board



LKRI-004

DVI-D Interface Board



LKRI-005

HDCP DVI-D Board

Input Signal Flexibility

To increase the configuration flexibility of the SRX-T110 and SRX-T105, slots are available to accommodate four different optional boards that connect to various types of signal format.

The SRX-T110 and SRX-T105 are pre-installed with an LKRI-005 HDCP DVI-D Board, which can accept DVI-D signals and provides a digital copy protection capability. In addition to the standard HDCP DVI-D input, three slots are available for the installation of optional boards. This allows simultaneous accommodation of up to four input/interface boards in the side panel of the projector. Users can select from single, dual and quad screen modes and assign the appropriate signal board to each quadrant.

Signal Chart for the LKRI-005

Signal Resolution	fV (Hz)	HDCP
1024 x 768P (XGA)	60	No
1280 x 960P (Quad-VGA)	60	No
1280 x 720P	60	Yes
1280 x 720P	50	Yes
1280 x 1024P (SXGA)	60	No
1400 x 1050P (SXGA+)	60	No
1600 x 1200P (UXGA)	60	No
1920 x 1200P (WUXGA)	60	No
1920 x 1080P	60	Yes
1920 x 1080P	50	Yes
1920 x 1080P	24	Yes
2048 x 1080P	60	No
2048 x 1080P	48	No
2048 x 1080P	24	No

- The **LKRI-001** Analogue Input Board utilises 5 BNC connectors that can accept 0.7 volt analogue signal levels as RGBS, RGB sync on G, RGBHV, or YUV formats.
- The **LKRI-002** HD-SDI (4:2:2) Input Board can accept both SMPTE 259M SD digital 525/625 line video and SMPTE 292M 1080 4:2:2 Y . Pb . Pr serial picture data. Switching is automatic by detection of the input signal frequency.
- The **LKRI-003** Dual-link HD-SDI Input Board can accept any of the following signals: SMPTE 372M dual-link HD-SDI (4:4:4), SMPTE 292M HD-SDI (4:2:2), dual-link DC-SDI (RGB 4:4:4), DC-SDI (YPbPr 4:2:2), or 12-bit (X'Y'Z' 4:4:4) signals. With four LKRI-003 boards, the SRX-T110 and SRX-T105 can project 4096 x 2160 4K images.
- The **LKRI-004** DVI-D Interface Board can accept DVI-D signals up to 2048 x 1080.
- The **LKRI-005** HDCP DVI-D Board can accept DVI-D signals up to 2048 x 1080P and offers a digital copy protection capability compliant with the HDCP specification to 1920 x 1080P and 1280 x 720P signals.

Installation Flexibility

The SRX-T110 and SRX-T105 can be tilted 90 degrees upward or downward. In addition, they can turn projected images upside down. This flexibility allows the projectors to be used in several different ways, including a rear projection system.

To aid effective cooling at 90-degree tilt installation, an optional LKRA-001 exhaust duct adaptor is required, which allows the projectors to be easily connected to a common 8-inch-type duct system.

Quiet Operation by the Intelligent Cooling Fan System

The SRX-T110 and SRX-T105 adopt an intelligent cooling system that automatically controls multiple cooling fans incorporated in the unit. This system automatically adjusts the rotating speed of the fans according to the heat generated inside the unit, which varies depending on the brightness level of the lamps. In addition, when single-lamp mode is selected, this system automatically stops operation of the fans for the unused lamp.

Simple Remote Controller Unit

The SRX-T110 and SRX-T105 are supplied with a remote controller unit that can perform various simple functions such as turning the lamp power on/off, adjusting the zoom/focus and controlling the lens shift.

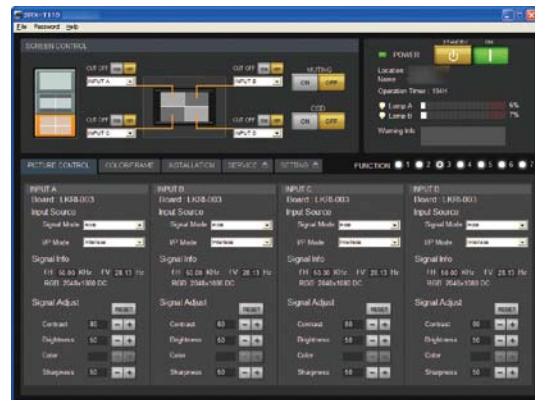
Easy Setup on a PC Using Supplied Software

The SRX-T110 and SRX-T105 come equipped with the SRX Controller software that allows easy setup and adjustments via its intuitive GUIs on a PC*. These projectors can be controlled through either Ethernet or RS-232C interfaces and up to four projectors can be controlled on the same GUI from a single PC**.

A comprehensive range of setup parameters including input configurations, colorimetry controls, installation adjustments and maintenance settings can be controlled via this software. These setup parameters can be saved to a PC as a data file and reused for another SRX-T110 or SRX-T105 projector.

* System requirements for the setup software OS : Microsoft Windows XP Professional SP2.

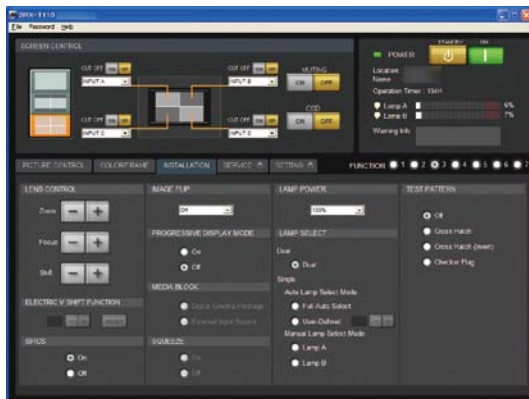
** When using an Ethernet connection.



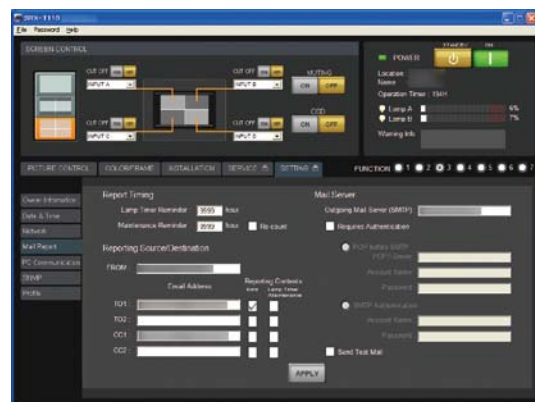
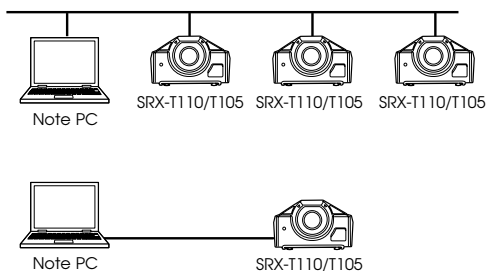
Colourimetry Setting

Easy Maintenance

Special consideration was given to maintenance issues when developing the SRX-T110 and SRX-T105. The supplied setup software is a convenient tool for maintenance that allows operators to easily verify each lamp's operating time. Automatic email alerts from the projector provide operators with maintenance reminders as well as error messages.



Installation Setting



Mail Report Setting

Optional Accessories



LKRL-90
Fixed Focus Lens
Throw ratio*: 0.9:1



LKRL-Z115
Short Focus Zoom Lens
Throw ratio: 1.48:1 to 1.81:1



LKRL-Z117
Middle Focus Zoom Lens
Throw ratio: 1.72:1 to 2.39:1



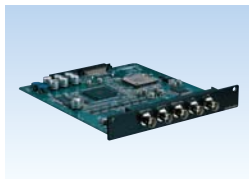
LKRL-Z119
Middle Focus Zoom Lens
Throw ratio: 1.81:1 to 2.94:1



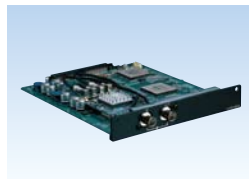
LKRL-Z122
Middle Focus Zoom Lens
Throw ratio: 2.23:1 to 4.03:1



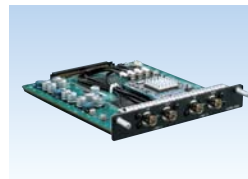
LKRL-Z140
Long Focus Zoom Lens
Throw ratio: 3.81:1 to 7.12:1



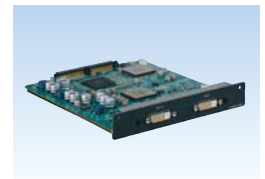
LKRI-001
Analogue Input Board



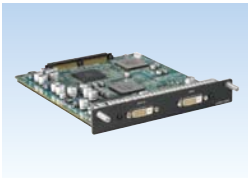
LKRI-002
HD-SDI (4:2:2) Input Board



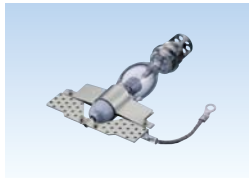
LKRI-003
Dual-link HD-SDI Input Board



LKRI-004
DVI Interface Board



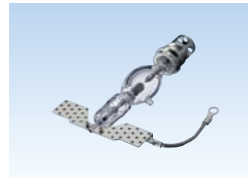
LKRI-005
HDCP DVI Board



LKRX-110
2kW Xenon Lamp Bulb
(for SRX-T110)



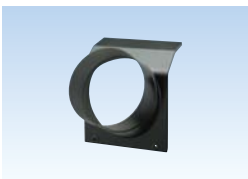
LKRX-B110
2kW Xenon Lamp House Unit
(for SRX-T110)



LKRX-105
1kW Xenon Lamp Bulb
(for SRX-T105)



LKRX-B105
1kW Xenon Lamp House Unit
(for SRX-T105)



LKRA-001
8-inch Exhaust Duct Adaptor

* The throw ratio denotes the ratio that the projection distance is divided by the screen width.

Table of the Available Lenses

Fixed Focus Lens	
LKRL-90	
Zoom Ratio	-
Throw ratio*	0.9:1
F-number	2.8
Screen width	Throwing Distance
1,845 mm	1,560 mm
2,350 mm	2,018 mm
3,500 mm	3,061 mm
4,700 mm	4,150 mm
5,900 mm	5,239 mm
8,200 mm	7,325 mm
10,600 mm	9,503 mm
11,800 mm	10,591 mm
14,100 mm	12,678 mm
16,400 mm	14,765 mm



	Short Focus Zoom Lens		Middle Focus Zoom Lens		Middle Focus Zoom Lens		Middle Focus Zoom Lens		Long Focus Zoom Lens	
	LKRL-Z115		LKRL-Z117		LKRL-Z119		LKRL-Z122		LKRL-Z140	
Zoom Ratio	1.2x		1.4x		1.6x		1.8x		1.9x	
Throw ratio*	1.48:1 to 1.81:1		1.72:1 to 2.39:1		1.81:1 to 2.94:1		2.23:1 to 4.03:1		3.81:1 to 7.12:1	
F-number	2.8		2.8		2.8		2.8		2.8	
Screen width	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele
4,500 mm	6,554 mm	8,056 mm	7,730 mm	10,862 mm	8,127 mm	13,365 mm	9,997 mm	18,150 mm	16,937 mm	31,943 mm
5,000 mm	7,295 mm	8,964 mm	8,559 mm	12,041 mm	8,999 mm	14,823 mm	11,074 mm	20,137 mm	18,792 mm	35,466 mm
6,000 mm	8,778 mm	10,780 mm	10,215 mm	14,400 mm	10,743 mm	17,738 mm	13,228 mm	24,109 mm	22,502 mm	42,512 mm
7,000 mm	10,261 mm	12,596 mm	11,872 mm	16,759 mm	12,487 mm	20,654 mm	15,383 mm	28,081 mm	26,212 mm	49,558 mm
8,000 mm	11,743 mm	14,412 mm	13,529 mm	19,118 mm	14,232 mm	23,570 mm	17,537 mm	32,054 mm	29,922 mm	56,604 mm
9,000 mm	13,226 mm	16,228 mm	15,186 mm	21,477 mm	15,976 mm	26,486 mm	19,691 mm	36,026 mm	33,632 mm	63,649 mm
10,000 mm	14,709 mm	18,044 mm	16,843 mm	23,836 mm	17,720 mm	29,402 mm	21,846 mm	39,998 mm	37,342 mm	70,695 mm
12,000 mm	17,674 mm	21,676 mm	20,157 mm	28,553 mm	21,208 mm	35,233 mm	26,154 mm	47,943 mm	-	-
14,000 mm	20,639 mm	25,308 mm	23,471 mm	33,271 mm	24,697 mm	41,065 mm	30,463 mm	55,888 mm	-	-
16,000 mm	23,605 mm	28,940 mm	26,784 mm	37,989 mm	28,185 mm	46,896 mm	34,772 mm	63,833 mm	-	-

* Distance between the centre of the projector lens and the screen, divided by the screen width.

Preset Data of Input Signals

Preset Signal		fH (kHz)	fV (Hz)	Aspect Ratio
VIDEO 60	VIDEO 60	15.73	59.94	4:3
VIDEO 50	VIDEO 50	15.63	50.00	4:3
HDTV 1080/60i	1080/60i	33.75	60.00	16:9
1024 x 768	VESA 60	48.36	60.00	4:3
1024 x 768	VESA 70	56.48	70.07	4:3
1024 x 768	VESA 75	60.02	75.03	4:3
1024 x 768	VESA 85	68.68	85.00	4:3
1280 x 960	VESA 60	60.00	60.00	4:3
1280 x 1024	VESA 60	63.97	60.01	5:4
1280 x 1024	VESA 75	79.98	75.03	5:4
1280 x 1024	VESA 85	91.15	85.02	5:4
1600 x 1200	VESA 60	75.00	60.00	4:3
720/60p	720/60p	45.00	60.00	16:9
720/50p	720/50p	37.50	50.00	16:9
1080/48i (24psf)	1080/48i (24psf)	27.00	48.00	16:9
1080/50i	1080/50i	28.13	50.00	16:9
1080/24p	1080/24p	27.00	24.00	16:9
DC2048 x 1080	DC2048 x 1080/48i	27.00	48.00	17:9
DC2048 x 1080	DC2048 x 1080/24p	27.00	24.00	17:9
1400 x 1050	1400 x 1050/60p	65.30	60.00	4:3
1920 x 1080	1920 x 1080/60p	67.50	60.00	16:9
1920 x 1200	1920 x 1200/60p	74.038	60.00	16:10
2048 x 1080	2048 x 1080/48p	54.00	48.00	17:9
2048 x 1080	2048 x 1080/60p	67.50	60.00	17:9

Specifications

SXRD Device Main Specifications

Display device	SXRD (Silicon X-tal Reflective Display)
Size	1.55-inch across Diagonal
Resolution	4128 (H) X 2176 (V) pixels
Reflectivity	72 %
Contrast (as device)	4000 : 1
Pixel pitch	8.5 μ m
Width (between pixels)	0.35 μ m
Response speed	2.5 ms (for both rise and fall)
Liquid crystal mode	Normally Black Mode
Alignment layer	Inorganic Thin Film
Backplane process	0.35 μ m MOS Process
Liquid crystal cell gap	Less than 2 μ m

	SRX-T110	SRX-T105
Optical		
Projection system	3-SXRD panel, 1 lens projection system	
Imaging device	SXRD, 1.55-inch (diagonal), 4096(H) x 2160(V) pixels on each chip (8,847,360 pixels)	
Lamp	2 kW Xenon lamp x 2 (not supplied)	1 kW Xenon lamp x 2 (not supplied)
Light output	11,000 lumens typical	5,500 lumens typical
General		
White reference	Xenon white reference	
		X Y
	White reference	0.3140 0.3510
Contrast	2500:1 typical	
Resolution	600 TV lines (SDI input/SMPTE-259M)	
	1920 x 1080 pixels (HD-SDI input, SMPTE-292M)	
	2048 x 1080 pixels (with LKRI-003, LKRI-004 or LKRI-005)	
	3840 x 2160 pixels (with LKRI-003 x 4, LKRI-004 x 4 or LKRI-005 x 4)	
	4096 x 2160 pixels (with LKRI-003 x 4, LKRI-004 x 4 or LKRI-005 x 4)	
Signal specifications	Video: Component (Y • Cb • Cr), HD (G • B • R/Y • Pb • Pr) Computer: XGA, SXGA, UXGA DVI-D: XGA, Quad-VGA, 1280 x 720, SXGA, SXGA+, UXGA, WUXGA, 1920 x 1080, 2048 x 1080	
Power requirements	AC 200 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz
Operating temperature	+5 °C to +35 °C (+41 °F to +95 °F)	
Storage temperature	-20 °C to +60 °C (-4 °F to +140 °F)	
Operating humidity	35 % to 85 % (no condensation)	
Storage humidity	10 % to 90 %	
Dimensions (W x H x D)	740 x 498 x 1326 mm (29 1/4 x 19 5/8 x 52 1/4 inches)	
Mass	Approx. 120 kg (265 lb) (excluding the optional lamps and lens)	
Input/Output		
Input A	LKRI-005 pre-installed	
Input B	Open for optional signal interface board	
Input C	Open for optional signal interface board	
Input D	Open for optional signal interface board	
Remote interface	RS-232C : D-sub 9-pin (female) x 1 10BASE-T/100BASE-TX Ethernet : RJ45 x 1	

Optional Input Boards

LKRI-001	BNC x 5, HD/SD analogue video input, RGB/Y • Cb • Cr selectable
Analogue input board	
Computer signals	
R	0.7 Vp-p \pm 2 dB positive, 75 Ω
G	0.7 Vp-p \pm 2 dB positive, 75 Ω
B	0.7 Vp-p \pm 2 dB positive, 75 Ω
Sync	
HD Horizontal	TTL level, high impedance, sync positive/negative
HD Vertical	TTL level, high impedance, sync positive/negative
Standard definition video [Y • Cb • Cr]	
Y	1.0 Vp-p \pm 2 dB sync negative, 75 Ω
Cb	0.7 Vp-p \pm 2 dB positive, 75 Ω
Cr	0.7 Vp-p \pm 2 dB positive, 75 Ω
High definition video [RGB]	
R	0.7 Vp-p \pm 2 dB positive, 75 Ω
G with sync	1.0 Vp-p \pm 2 dB, 75 Ω , Tri-level sync: \pm 0.3 Vp-p / Bi-level sync: 0.3 Vp-p
B	0.7 Vp-p \pm 2 dB positive, 75 Ω
High definition video [Y • Pb • Pr]	
Y	1.0 Vp-p \pm 2 dB, 75 Ω , Tri-level sync: \pm 0.3 Vp-p / Bi-level sync: 0.3 Vp-p
Pb	\pm 0.35 Vp-p \pm 2 dB, positive 75 Ω
Pr	\pm 0.35 Vp-p \pm 2 dB, positive 75 Ω
LKRI-002	BNC x 2 (Input x 1, Loop-through out x 1)
HD-SDI (4:2:2) input board	HD-SDI (SMPTE-292M / ITU-R.BT709 / BTA-S004) SDI (SMPTE-259M / ITU-R.BT601)
LKRI-003	BNC x 4 (Input x 2, Loop-through out x 2)
Dual-link HD-SDI input board	HD-SDI (Single-link, HD-SDI/4:2:2, SMPTE-292M): Y • Pb • Pr, DC-SDI (Single-link, DC-SDI/4:2:2): Y • Pb • Pr, Dual-link HD-SDI (Dual-link HD-SDI/4:4:4, SMPTE-372M): RGB, Dual-link DC-SDI (Dual-link DC-SDI/4:4:4): RGB
LKRI-004	XGA, Quad-VGA, SXGA, SXGA+, UXGA, WUXGA, 1920X1080, 2048 x 1080
DVI Interface Board	
LKRI-005	XGA, Quad-VGA, 1280 x 720, SXGA, SXGA+, UXGA, WUXGA, 1920 x 1080, 2048 x 1080
HDCP DVI Board	
Others	
Safety regulations	[UL60950 listed], [cUL60950], [FCC Class A], [IC Class A], [VCCI Class A], [EN60950], [CE Class A], [C-tick], [GB4943], [GB9254], [K60950], [CISPR22], [CISPR24]
Supplied accessories	Remote Commander (1), Size AA (R6) batteries (2), SRX Controller (1), Ethernet cable (1), M8 screws for lens mounting (4), Operating Instructions (for SRX-T110/T105) (1), Operating Instructions (for LKRI-005) (1), Installation Manual (1)

Dimensions Unit : mm (inches)

