

Re-Define Short Throw

New Laser Projector



XGA

RL-S450X
4000 lm / 1500000:1
RL-S550X
5000 lm / 1500000:1

WXGA

RL-S450W
4000 lm / 1500000:1
RL-S550W
5000 lm / 1500000:1

WUXGA

RL-S450U
4000 lm / 1500000:1
RL-S550U
5000 lm / 1500000:1

Small Distance with large screen

Suitable for variety environments (exhibitions, meeting room, etc). The installation can be close to the screen, to avoid direct light interference or teachers to block the light, so the performance can be morw efficient and better.

Designed for visual color - 3LCD Technology

For 3LCD technology, the color brightness equals to white brightness. There is no rainbow effect, and higher color restoration capability, which will produce more real and nature color.

ROLY Chameleon Color Richness Technology

With over 100% of the rec 709 standard color gamut coverage, it truly restores the natural colors seen by the human eye. The overall technology is like a chameleon that can accurately and quickly display its own protective color when it is affected by the environment.

Without changing lens, avoiding brightness attenuation

The projector adopts short -focus lens, eliminating the large attenuation of the screen brightness due to the replacement of the lens, it' s not only simple and convenient but also can realistically display high brightness and high quality image.

Low Consumption. Ultra-long Service Life

Latest laser light source technology with service life of 20,000 hours. It can save more than 30% of energy compared to general projectors. It can also solve problem of lumen depreciation.



Corner Keystone Correction

This function is design for four screen corners and Horizontal / Vertical Corner Keystone Correction in order to adjustments for a distortion image.

Specifications

Model	RL-S450X	RL-S550X	RL-S450W	RL-S550W	RL-S450U	RL-S550U
Display Technology	Liquid Crystal Display					
LCD panel	3x0.63" (4:3)		3x0.64" (16:10)			
Brightness	4000 lm	5000 lm	4000 lm	5000 lm	4000 lm	5000 lm
Resolution	XGA (1024x768)		WXGA (1280x800)		WUXGA (1920x1200)	
Contrast	1500000:1					
Center to corner uniformity	≥ 90%					
Lens	F1.8 · f=6.08					
Screen size	60" -150"					
Throw distance	0.55m~1.43m		0.54m~1.39m			
Throw Ratio	0.46		0.42			
Aspect Ratio	4:3 (compatible with16:9)		16:10 (compatible with 4:3)			
Light source (service life)	Laser diode (Normal mode: 20000h, Eco mode: 25000h)					
Keystone Correction	Vertical: ±40° (Auto, Manual) · Horizontal: ±15° (Manual)					
Input Terminals	PC	VGA (D-sub 15pin) ×1				
	Audio	Audio in: mini jack ×1 (3.5mm)				
	Video	HDMI ×2 · Video ×1 (RCA)				
	Others	USB ×2				
Output terminal	VGA (D-sub 15pin) ×1 · Audio out (Mini-jack) ×1 (3.5mm)					
Control terminal	RS232C (D-sub 9pin) ×1 · RJ-45 ×1 (Control)					
PC input signal	PC-VGA, SVGA, XGA, SXGA, WXGA, WUXGA, MXGA, MSXGA, WSXGA, UXGA / Mac					
Video input signal	PAL, SECAM, NTSC (480i, 480p, 576i, 576p, 720p, 1080i, 1080p)					
Scanning Frequency	Horizontal: 15~90kHz · Vertical: 24~85Hz					
Noise	Normal mode: 37dB · Eco mode: 29dB					
Projection method	Ceiling/floor · front/rear					
Speaker	10W×1					
Weight	6.5 kg	7.2 kg	6.5 kg	7.2 kg	6.5 kg	7.2 kg
Dimension (WxHxD)	420×100×280mm (not incl. protruded part)					
Power supply	100~240V AC (50/60Hz)					
Power Consumption	275W	335W	275W	335W	275W	335W
Standby power consumption	≤ 0.3W (Eco mode)					
Operating environment	Operating temperature: 0°C~40°C · operating humidity: 20%~80% (non-condensation)					
Standard accessory	Wireless remote control, power cord					
Function	<ul style="list-style-type: none"> ◆ Built-in LAN for remote monitoring ◆ DICOM simulation mode ◆ Overheat automatic shutdown function ◆ Quick start and Quick off ◆ One-button black screen function ◆ Corner Keystone Correction ◆ Compatible with PJ-Link · AMX · Crestron ◆ Password locking and anti-theft lock latch ◆ Auto Image Rotation ◆ USB Memory Viewer 					



Projection distance

RL-S450X / RL-S550X
(4:3 aspect ratio)

Screen size (inch)	Fixed (meters)
60"	0.55
70"	0.65
80"	0.75
90"	0.85
100"	0.94
120"	1.14
150"	1.43

RL-S450W/RL-S550W
(16:10 aspect ratio)

Screen size (inch)	Fixed (meters)
60"	0.54
70"	0.64
80"	0.74
90"	0.83
100"	0.93
120"	1.12
150"	1.39

RL-S450U/RL-S550U
(16:10 aspect ratio)

Screen size (inch)	Fixed (meters)
60"	0.54
70"	0.64
80"	0.74
90"	0.83
100"	0.93
120"	1.12
150"	1.39

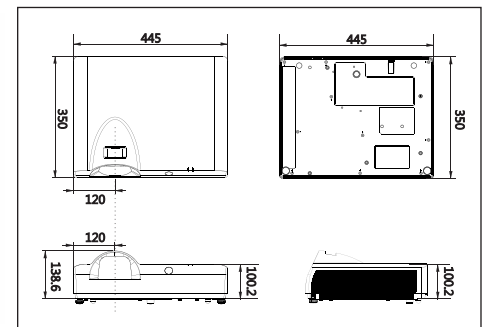
* These specifications and the product's design are subject to change without notice. * Approximate throw distances shown above were calculated on lens design specifications.
* Please note that up to 5% deviation may result due to lens variation.

Terminal interface



Dimension

Unit: mm



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