ROLY
BEYOND ENVISION

LASER

Just play. Have fun.
Enjoy the projector.

RL-C1W

WXGA | 3600 lm

RL-C1U

WUXGA | 3300 lm

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.

Low Consumption. Ultra-long Service Life

Latest laser light source technology with service life of 20,000 hours. With energy-saving and environment-friendly characteristics, it can save more than 30% of energy compared to general projectors. It can also solve problem of lumen.

Laser v.s. Lamp

	Laser Projector	Lamp Projector
Rate life	20,000h	4,000h
Lumen Depreciation	Slow	Fast
Stability	High	Low
Temperature	Low	High
Boot Speed	Fast	Slow
Maintenance	Low Cost (No need lump replacment)	High Cost

Specifications

Model		RL-C1W	RL-C1U
Display Technology		Liquid Crystal Display	
LCD panel		3x0.59"(16:10)	3x0.64"(16:10)
Brightness		3600 lm	3300 lm
Resolution		WXGA (1280x800) Supports highest to WUXGA	WUXGA (1920x1200)
Number of pixels		1,024,000 (1280x800) x3, total of 3,072,000 pixels	2,304,000 (1920x1200) x3, total of 6,912,000 pixels
Contrast		1000000 :1	
Center to corner uniformity		≥ 85%	
Lens		F1.6~1.76 · f=19.1~23mm · Manual zoom (1.2x) · Manual focus	
Screen size		30"-300"	
Throw distance		0.93m~11.50m	0.86m~10.06m
Throw Ratio		1.44~1.78	1.33~1.65
Light source (service life)		Laser diode (Normal mode: 20000h)	
Keystone Correction		Vertical: ±40° (Auto, Manual) · Horizontal: ±15° (Manual)	
Input Terminals	PC	VGA (D-sub 15pin) ×1	
	Audio	Audio (mini jack, 3.5mm) ×1	
	Video	HDMI ×2 · Video (RCA) ×1	
	Others	USB-Type A ×2	
Output terminal		VGA (D-sub 15pin) ×1 · Audio (mini jack, 3.5mm) ×1	
Control terminal		RS232C (D-sub 9pin) ×1 · RJ-45 ×1 (Control)	
PC input signal		VGA,SVGA,XGA,SXGA,WXGA,UXGA,WSXGA+,WUXGA, Mac,MXGA,MSXGA,4K@30HZ(Only WUXGA Support)	
Scanning Frequency		Horizontal: 15~90kHz · Vertical: 24~85Hz	
Noise		Normal mode: 35dB · Eco mode: 28dB	
Projection method		Ceiling/floor · front/rear	
Speaker		10W×1	
Weight		4.65 kg	
Dimension (WxHxD)		420×100×280mm (not incl. protruded part)	
Power supply		100~240V AC (50/60Hz)	
Power Consumption		188W(100V~120V) ; 181W(200V~240V) ; Standby Mode: < 0.5W	198W(100V~120V) ; 192W(200V~240V) ; Standby Mode: < 0.5W
Operating environment		Operating temperature: 0°C~40°C · operating humidity: 20%~80% (non-condensation)	
Storage environment		Store temperature: -10°C~60°C · Storage humidity: 20%~80% (non-condensation)	
Standard accessory		Wireless remote control, power cord	
Function		◆ USB Memory Viewer ◆ DICOM simulation mode ◆ Built-in Test pattern ◆ Quick start and Quick off ◆ Overheat automatic shutdown function	◆ One-button black screen function ◆ Corner Keystone Correction ◆ Compatible with PJ-Link ◆ Password locking and anti-theft lock latch

* These specifications and the product's design are subject to change without notice.
* The light output service time varies depending on environment and usage, so the data listed are experimental maximum values for reference only.

Projection distance

RL-C1W (16:10 aspect ratio)

Screen size (inch)	min. (wide) (meters)	max.(tele) (meters)
30"	0.93	1.13
60"	1.89	2.28
80"	2.53	3.05
90"	2.84	3.44
100"	3.16	3.82
150"	4.76	5.74
200"	6.35	7.67
250"	7.95	9.59
300"	9.54	11.50

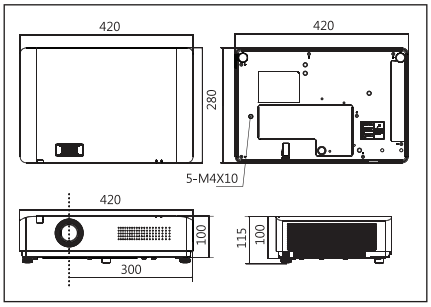
RL-C1U (16:10 aspect ratio)

Screen size (inch)	min. (wide) (meters)	max.(tele) (meters)
30"	0.86	1.04
60"	1.74	2.11
80"	2.33	2.82
90"	2.63	3.18
100"	2.92	3.53
150"	4.40	5.31
200"	5.87	7.09
250"	7.35	8.87
300"	8.82	10.06

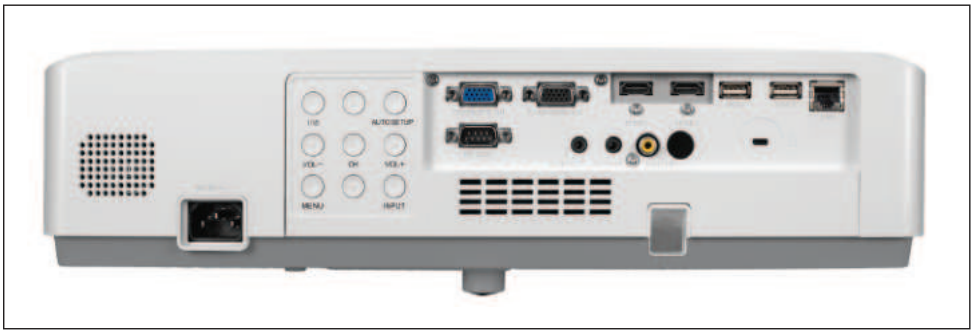
* Approximate throw distances shown adove were calculated on lens design specifications.
* Please note that up to 5% deviation may result due to lens variation.

Dimension

Unit: mm



Terminal interface



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