



## Business, Education, Family Three- in-one new 3LCD laser projector



XGA

**RL-A400X**

4000lm / 1500000:1

**RL-A500X**

5000lm / 1500000:1

WXGA

**RL-A400W**

4000lm / 1500000:1

**RL-A500W**

5000lm / 1500000:1

WUXGA

**RL-A500U**

5000lm / 1500000:1

### The World's lightest and smallest laser projector

Compare to other brand models, it has lightweight and simple elegant design. It is more convenient to install or carry, suitable for installation in various environments.

### ROLY Chameleon Color Richness Technology

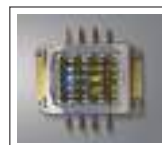
With over 100% of the rec 709 standard color gamut coverage, it truly restores the natural colors seen by the human eye. The overall technology is like a chameleon that can accurately and quickly display its own protective color when it is affected by the environment.

### Modern and Elegant Design

The series is a simple modern design that is ideally suited for use in a variety of environments, including modern offices and luxuriously designed interior spaces.

### 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 depreciation.



### Presentation Mode

To make up for the flaws of 3LCD technology, ROLY's presentation mode provides higher contrast between black and white. Thus, the text and graphics can be clearly and accurately presented.

### Free and flexible installation without Restriction

Free 360° projector cabinet installation for flexible projection from almost any angle, it makes installation simpler and easier.

## Specifications

Model		RL-A400X	RL-A500X	RL-A400W	RL-A500W	RL-A500U
Display Technology		Liquid Crystal Display				
LCD panel		3x0.63"(4:3)		3x0.59"(16:10)	3x0.64"(16:10)	
Brightness		4000 lm	5000 lm	4000 lm	5000 lm	5000 lm
Resolution		XGA (1024x768) Supports highest to WUXGA		WXGA (1280x800) Supports highest to WUXGA		WUXGA (1920x1200)
Number of pixels		786,432 (1024x768) x3, total of 2,359,296 pixels		1,024,000 (1280x800) x3, total of 3,072,000 pixels		2,304,000 (1920x1200) x3, total of 6,912,000 pixels
Contrast		1500000 :1				
Center to corner uniformity		≥ 90%				
Lens		F1.6~1.76 · f=19,158~23.018mm · Manual zoom (1.2x) · Manual focus				
Screen size		30"-300"				
Throw distance		0.87m~11.60m				
Throw Ratio		1.48~1.78			1.37~1.65	
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,UXGA,WUXGA / Mac				
Video input signal		PAL,SECAM,NTSC (480i,480p,565p,576i,576p,720p,1080i,1080p)				
Scanning Frequency		Horizontal: 15~90kHz · Vertical: 24~85Hz				
Noise		Normal mode: 35dB · Eco mode: 28dB				
Projection method		Ceiling/floor · front/rear (Auto Image Rotation)				
Speaker		10W×1				
Weight		5.5 kg				
Dimension (WxHxD)		420×100×280mm (not incl. protruded part)				
Power supply		100~240V AC (50/60Hz)				
Power Consumption		284W(100-120V) ; 274W(200-240V) ; < 0.3W when Standby mode set to Eco				295W(100-120V) ; 285W(200-240V) ; < 0.3W when Standby mode set to Eco
Operating environment		Operating temperature: 0°C~40°C · operating humidity: 20%~85% (non-condensation)				
Standard accessory		Wireless remote control, power cord				
Function		◆ 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 ◆ Blackboard modes for colored screen surfaces ◆ USB Memory Viewer	

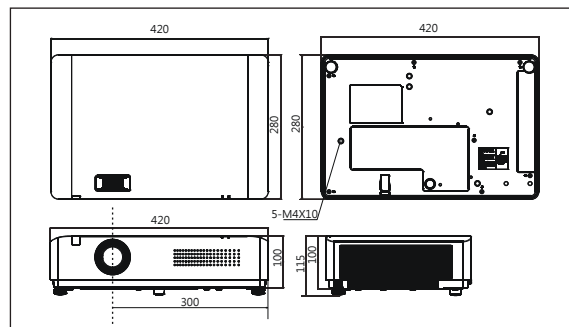
\* These specifications and the product's design are subject to change without notice.

## Terminal interface



## Dimension

Unit: mm



## Projection distance

RL-A400X (4:3 aspect ratio)

Screen size (inch)	min. (wide) (meters)	max.(tele) (meters)
30"	0.89	1.07
60"	1.80	2.17
80"	2.41	2.90
90"	2.71	3.26
100"	3.02	3.63
150"	4.54	5.46
200"	6.06	7.29
250"	7.58	9.11
300"	9.10	10.94

RL-A400W (16:10 aspect ratio)

Screen size (inch)	min. (wide) (meters)	max.(tele) (meters)
30"	0.94	1.14
60"	1.91	2.30
80"	2.55	3.07
90"	2.88	3.46
100"	3.20	3.85
150"	4.81	5.79
200"	6.42	7.72
250"	8.04	9.66
300"	9.65	11.60

RL-A500W / RL-A500U (16:10 aspect ratio)

Screen size (inch)	min. (wide) (meters)	max.(tele) (meters)
30"	0.87	1.05
60"	1.77	2.13
80"	2.36	2.84
90"	2.66	3.20
100"	2.96	3.56
150"	4.45	5.35
200"	5.95	7.15
250"	7.44	8.94
300"	8.93	10.73

\* Approximate throw distances shown above were calculated on lens design specifications.

\* Please note that up to 5% deviation may result due to lens variation.

Distributed by:

# ROLY

TAIWAN ROLY TECHNOLOGY CO., LTD  
3F-13, No.14, Lane 609, Section 5, Chongxin Rd.,  
Sanhong Dist., New Taipei City, Taiwan, R.O.C.

[www.rolly-taiwan.com](http://www.rolly-taiwan.com)