

# S-SERIES



APPOTRONICS



## LARGE VENUE PROJECTORS



10,000-15,000 Lumens



RGB Primary Colors



All Product Support 3D Sync



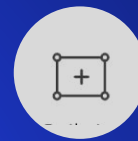
16% Red Ratio



6 Optional Lenses



100% CLO



Built-in Blending & Warping Geometric Correction



Cinema Level Reliability

### Light Weight Design

All-new lightweight design has reduced the weight of the system by over 20lbs

**< 63.7 lbs.**



### Superior Color Performance

Appotronics has creatively applied the RGB primary-colors technology into a 1-Chip DLP® system. The RGB 3-segment color wheel system yields superior picture performance at 100% color brightness.



$CLO \% = \frac{\text{red field brightness} + \text{green field brightness} + \text{blue field brightness}}{\text{White brightness}}$

### Applications



Commercial Display



Staging



Holographic Projection

# SPECIFICATIONS

Model		AL-SU13KA	AL-SU15KA
Display Technology		DLP™x1, DLP™ projection system	
Panel Size		0.67" DMD	
Resolution		1,920×1,200, WUXGA	
Brightness Output <sup>①</sup>		13,000 (ANSI) / 13,800 (Center)	15,000 (Center)
Light Source Type		ALPD® Laser (Laser type: Class1)	
Life Source Lifetime <sup>⑥</sup>		20,000h (Standard Mode)	
Contrast <sup>②</sup>		100,000 :1	
Uniformity		90%	
Display Gamut		REC.709	
Edge Blending		Horizontal & vertical edge blending	
Optional Lenses		0.62:1, 0.8:1, 1.23-1.97:1, 1.62~2.96:1, 2.86-4.85:1, 4.68-7.96:1	
Screen Size		40" ~ 600"	
Keystone		Vertical/Horizontal ±20°	
Optical Axis Shift		Vertical: ±100%, Horizontal: ±40%, powered	
Input Resolution		1,920x1,200 pixels ( higher resolution will be scaled to 1,920x1,200 pixels )	
I/O		DVI × 1 / HDMI × 1 / DP × 1 / VGA × 1 / BNC × 5 / SDI × 1 / 3D SYNC × 2(in/out) / Wired Remote M3 × 2 (in/out) / HDBaseT × 1 (compatible with RJ45) / RS232 × 2 (in/out) / USB × 1 / IR 3D OUT × 1	
Power Supply		100-240V AC, 50/60Hz	
Power Consumption	Standard	1300W	1400W
	Stand by	Power saving 0.5W/ Stand by 7W	
Orientation		360°	
Noise		35dB (ECO)/39dB (Standard)	
Structure	Measurements <sup>③</sup>	24.4" × 21" × 7"	
	Weight <sup>④</sup>	63.7 lbs	
Working Environment	Temperature <sup>⑤</sup>	32°F~104°F (95°F~104°F Eco Mode)	
	Humidity	20%~80% (no condensation)	
Accessories		Power cable x1, wireless /wired remote control unit, remote control, software CD-ROM	

① Based on ISO21118 standard. ② Full white/full black. ③ Not including protruding parts. ④ Including standard lens. Average value. ⑤ Operation temperature will be set to 32°F~95°F when working under High Altitude Mode. Output of projector will be reduced to 50% if ambient temperature exceeds 95°F. ⑥ The output of the projector will have decreased by approximately 50% around this time. Data from accelerated lab simulations. Actualtime may vary according to the operating modes, environment and other user behaviors.

