

S PRO SERIES

Defining Color Perfection

All-New RGBX[®] Full-Spectrum Laser Large Venue Projector



ALPD[®]5.0 **RGBX®** Full-Spectrum Laser



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100% DCI-P3 / REC.2020 Dynamic Color Gamut



16,000 to 20,000 lm Brightness

Super Compact Design



Input Signal Backup

DEFINING COLOR PERFECTION

- ▶ ALPD®5.0 RGBX® full-spectrum laser to reduce the speckle to minimal
- Rec.2020 color gamut enabling astounding color representation
- High Color Light Output in all modes
- DCI-P3 / REC.2020 Mode adjustable during operation
- High 4K resolution ensures crisp, precise visuals
- Stunning deep contrast attributes to Appotronics' dynamic black technology

FULL FLEXIBILITY IN INSTALLATIONS

- The most compact design in its category
- ▶ Full brightness on AC 100-240V
- Operates in any orientation for installation flexibility
- Various lens options for different installations
- Built-in geometric correction and wrapping

CINEMA LEVEL RELIABILITY

- Long life span >20000 hrs
- Cinema-proved reliability
- Patented all-sealed engine design
- 7*24 hrs operation capability
- Signal backup to ensure peace-of-mind in mission-critical project

APCS (Appotronics Projector Control System)

- Comprehensive installation management
- Seamless access via all different platforms

S Pro Specification

Мо	odel	AL-SK20KAP	AL-SK16KAP	AL-SU20KAP	AL-SU16KAP
Display Technology		DLP™ chip x 1, DLP™ projection system			
Panel Size		0.8"DMD			
Display Resolution		3,840×2,400, 4K		1,920×1,200, WUXGA	
Brightness ^①		20,000lm/21,000lm(center)	16,000lm/17,000lm(center)	20,000lm/21,000lm(center)	16,000lm/17,000lm(center)
Light Source		ALPD®5.0 Super Full-Spectrum Laser			
Lifespan [®]		20,000h			
Contrast ^②		≥100,000:1			
Uniformity		≥95%			
Color ^⑦		≥120% REC709 ≥100% DCI-P3			
Optional Lenses		1.1~1.5:1 , 1.5~2.4:1 , 2.4~3.8:1 more optional lens available			
Edge Blending		Horizontal and Vertical Edge Blending			
Projection Size		100" ~ 600"			
Geometric Correction		Support corrections of corner,keystone,curve,multi-point(up to 33x33 points)			
Lens Shift		Vertical: ±100%, Horizontal: ±40%, powered			
Signal Interfaces		Input Video Signal Interfaces: 2HDMI (4K/60P); DVI (19201200/60P); DP (19201200/60P Optional); HDBASET (19201200/60P Optional); 3D Sync Signal Interfaces: 3D syn in; 3D syn out; IR 3D out Dynamic Contrast Sync Signal Interfaces: BNC in; BNC out			
Control Interfaces		Ethernet Port: RJ45 Serial Port: RS232 Infrared Extension Cable Interface: Remote IR in/out Debug Port: USB-B			
Other Interfaces		USB Expansion Port: USB-A 12V External Power Supply Port: POWER 12V1A			
Power Supply		100-240V AC 50/60Hz			
Power	Standard	≤2000W			
Consumption	Standby	≤0.5W			
Installation		360°installation			
Noise		45dB(Standard)			
	Measure- ³ ments	(LxWxH) 24.6"× 21"×7" (625×533×178mm)			
tructure	(4) Weight	77.2lbs (35kg)			
Work	© emperature				
nviron-	Storage Femperature	e 14°F ~ 144°F (-10-62°C)			
	Humidity	10%-80% RH (no condensation)			
2	D Full white D Not inclue	/full black. projec ding protruding parts.	eration temperature will be set to 32°F-9 ctor will be reduced to 50% if ambient ter e output of the projector will have decrea stions. Actual time may vary according to	nperature exceeds 95°F(0-35°C). sed by approximately 50% around this ti	me. Data from accelerated lab

Best for used in >

Corporate / Museums / House of Worship / Theme Parks / Staging ...

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Disclaimer:

- 1. All brightness/contrast values listed are based on ISO2118 standard and are the average value of all shipped products.
- 2. Time of lifespan listed shall not be used for warranty purposes. Actual replacement time may vary according to the

operating modes, environment and other user behaviors.

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^{3.} All data listed are based on lab test values. Actual value may differ due to external environments.