

6500 – 7200

The Best Picture 1-Chip DLP ProAV Projector



AL—FU650A/FU720A/FH720A

ALPD® TECHNOLOGY

Appotronics, as the inventor of the laser phosphor technology, owns over 1500 patents worldwide. The ALPD® laser display technology from Appotronics provides high brightness output with staggering picture quality, long life span and comparatively lower cost in a much smaller size. The technology has been applied in digital cinemas, fixed installations, security monitor, home, education, corporate and other markets.

PRODUCT FEATURES

The Ultimate Color Experience

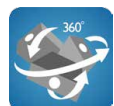
6500-7200 lm from the ALPD® Engine
 RGBY Color Wheel Produces Vivid Picture
 4%+ Red Ratio Provides Crisp Picture with Detail and Depth
 Superior Color Accuracy Covers More than Rec.709 Color Gamut
 Dynamic Light Control Enables 100,000:1 Contrast

Cinema Level Reliability

Optional Lens Range from T/R 0.67 to 7.69
 Great Variety of I/O with HDBaseT as Standard
 Built-in Edge Blending and 8-point Geometric Adjustment
 3D-Sync and Infrared 3D Capability
 The Multi-Color Adjustment Technology Provides Color & Brightness Uniformity on Multiple Screens

Superior Performance in Installations

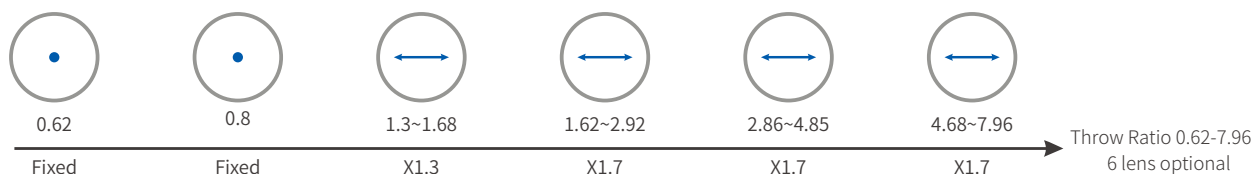
20,000h Life Span
 Patented Color Wheel Cooling System
 IL-Sealed Anti-Dust Structure
 Multi-Backup Engine System for 7*24 Operation



TECHNICAL SPECIFICATION

Product Series	AL-FU650A	AL-FU720A	AL-FH720A
Projection Technology	DLP™ chip x1	DLP™ chip x1	DLP™ chip x1
Chip Specifications	0.67" DMD	0.67" DMD	0.65" DMD
Resolution	1920×1200, WUXGA	1,920×1,200,WUXGA	1920×1080, 1080P
Luminance Output	6500 lumens (light source mode: normal)	7200 lumens (light source mode: normal)	7200 lumens (light source mode: normal)
Light Source Types	ALPD laser light source (Laser class:class1)		
Life	20,000h(Laser mode: normal)		
Contrast	100,000 :1		
Uniformity	90%		
Color	Rec.709		
Edge Blending	Horizontal and vertical edge blending		
Lens	Optional motorized zoom and focus lens 0.67:1, 0.87:1, 1.3-1.68:1, 1.62-2.92:1, 2.86-4.85:1, 4.68-7.96:1		
Projection Size	40" to 600" (projection distance depending on lens)		
Keystone Correction	Vertical / horizontal ± 20 °		
Lens Shift	Vertical-50% to +80%, Horizontal ± 20%, electric	Vertical-50% to +80%, Horizontal ± 20%, electric	Vertical-56% to +89%, Horizontal ± 21%, electric
Input Resolution	1920x1200 pixels (higher resolution will be scaled into1920x1200 pixels)	1920x1200 pixels (higher resolution will be scaled into1920x1200 pixels)	1920x1080 pixels (higher resolution will be scaled into1920x1080pixels)
AV Input	DVI-D × 1/HDMI× 1/D-Sub HD × 1/BNC × 5, BNCx1/D-sub 9-pin x1 M3x1 (input/output)/RJ-45x1		
Power Specificationsn	100-220V AC, 50/60HZ		
Operating Power Consumption	Normal mode 520W/650W		
Standby Power Consumption	Ordinary energy saving 7W/standby 0.5W		
Methods	360 ° free installation		
Noise Levels	32dB/35dB		
Dimensions	17.9"X17.9"X7"/455mmx 455mmx180mm		
Weight	44lb/20kg		
Working Temperature	0°F-104°F(95°F – 104°F Energy saving mode)/0°C-40°C(35°C-40°C Energy saving mode)		
Operating Humidity	20%-80%; No condensation		
Accessories	Power cable, HDMI cable, wireless/wired remote control unit, remote control, batteries, software CD-ROM, warranty card, instruction manual		

OPTIONAL LENSES



APPOTRONICS CO.,LTD.

For more information about Appotronics projector, please visit: www.appotronicsusa.com

1. All brightness and contrast figures mentioned in this document is in accordance with the ISO 21118 standard. The listed figures represent the average value in mass production;
2. The life span of the light source can be influenced by many factors including display modes, usage and others;
3. Measurements and measuring conditions of values mentioned in this document are all in accordance with ISO 21118;
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