

13000 Large Venue Laser Projector

The 1-Chip DLP Comparable to a 3 - Chip



AL-FU13KA

ALPD® 3.0 TECHNOLOGY

Invented in 2014 the 3rd generation of ALPD® had first been applied in cinema projectors featuring peerless picture quality, wider color gamut and detail and depth. Appotronics has creatively applied the ALPD®3.0 technology on 1-chip DLP systems and the patented “red laser+red phosphor” solution produces images at 3-chip DLP standard.

PRODUCT FEATURES



The Ultimate Color Experience

13000 lm from the ALPD®3.0 Engine
CLO=100%
20%+ Red Ratio Comparable to 3 DLP
Superior Color Accuracy Covers More than Rec.709 Color Gamut
Dynamic Light Control Enables 100,000:1 Contrast



Superior Performance in Installations

Optional Lens Range from T/R 0.62 to 7.69
Great Variety of I/O with HDBaseT and 3G-SDI Connectivity
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



Cinema Level Reliability

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



TECHNICAL SPECIFICATION

Product Series	AL-FU13K
Projection Technology	DLP™ chip x1
Chip Specifications	0.67" DMD
Resolution	1,920 × 1,200, WUXGA
Luminance Output	13000 lumens (light source mode: normal)
Light Source Types	RGB 3-Seg Color wheel
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 0.62:1, 0.8:1, 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-56% to +89%, Horizontal ± 21%, electric
Input Resolution	1920x1200 pixels (higher resolution will be scaled into 1920x1200 pixels)
AV Input	DVI-D × 1 / HDMI × 1 / D-Sub HD × 1 / BNC × 5, BNC x1 / D-sub 9-Pin x1 / M3x1 (input/output) / RJ-45x1 / DP20-Pin x1
Power Specificationsn	100-240V AC, 50/60HZ
Operating Power Consumption	Normal mode 1200W
Standby Power Consumption	Ordinary energy saving 7W/standby 0.5W
Methods	360 ° free installation
Noise Levels	35dB/39dB
Dimensions	27.24" x 21" x 7" / 692mm x 535mm x 180mm
Weight	77Lb/35kg
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; 4. Copyright Appotronics Co., Ltd. DLP, DLP logo and DLP Medallion logo are trademarks or registered trademarks of Texas Instruments;