M-SERIES

APPOTRONICS® | **ALPD®**

COMPACT LIGHTWEIGHT FIXED-INSTALL PROJECTOR
HD and 4K Resolutions

ALPD® Laser Light Source

4K Resolution

360° Compact Installation

Compact Body

Powered Interchangeable Lenses

Vivid High Color Resolution

- Precise Rec.709 color gamut. Perfect color reproduction
- 1080P, 4K resolution

Easy To Install

- Compact body with high output: thickness <4" and weighs only 20lbs
- 360° installation, easy to install
- Built-in warping & blending functions
- RGBCMYW 7-axial color correction provides perfect uniformity
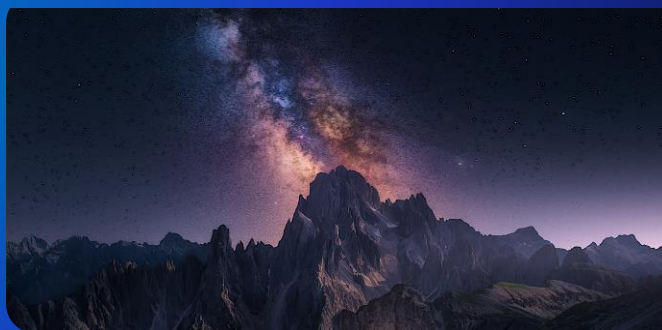- Multiple powered interchangeable lenses with wide range lens shift up to 100%

Outstanding System Performance

- Built-in Android OS
- 3D-Sync connection to support infrared 3D and DLP-link 3D
- Rich I/O
- Electric Shutter

High Reliability

- Full-sealed engine
- Over 20000H engine life span

4K Cinema Level Picture

Interchangeable Lens & Built-in Blending/ Warping Functions

| 0.7-0.9:1 | 1.0-1.6:1 | 1.54-2.48:1 |
| Powered Zoom Lens | Powered Zoom Lens | Powered Zoom Lens |

TEG ™ Transformation Entertainment Group

SPECIFICATIONS

Model	AL-MU625A	AL-MK625A
Display Technology	DLP™x1, DLP™ projection system	
Panel Size	0.48" DMD	0.47" DMD
Resolution	1,920×1,200, WUXGA	3,840×2,160, 4K
Brightness Output①	6,200 lm	
Light Source Type	ALPD® Laser (Laser type: Class1)	
Life Source Lifetime⑥	20,000h	
Contrast②	100,000 :1	
Uniformity	90%	
Display Gamut	REC.709	
Optional Lenses	Motorized interchangeable lenses: 0.7-0.9:1, 1.0-1.6:1, 1.54-2.48:1	
Optional Lenses	80" ~ 300"	
Geometric Correction	Keystone: V: ±35°, H: ±35°, 4-point correction	Keystone: V: ±35°, H: ±35°, 8-point correction
Optical Axis Shift	Vertical: ±100%, Horizontal: ±40%, powered	
I/O	HDMI×2/VGA×2/AUDIO IN×1/AUDIO OUT×1/LAN(RJ45)×1 /RS232(DB9×1)/3D SYNC×2(in/out)/3D IR OUT×1	HDMI×2/SPDIF×1/ LAN(RJ45)×1/RS232(DB9)×1/USB×1/3D SYNC×2(in/out)/3D IR OUT×1
Wi-Fi	/	802.11 a/b/g/n/ac, 2.4G+5G
Power Supply	100-240V AC, 50/60Hz	
Orientation	360°	
Noise	36dB (Standard)	

Power Consumption	Standard	≤550W	
	Stand by	<0.5W	

Structure	Measurements③	17.2" × 13.1" × 4.25"	
	Weight④	19.4 lbs	20.3 lbs

Working Environment	Temperature⑤	32°F~104°F (95°F~104°F Eco Mode)	
	Humidity	20%~80% (no condensation)	

①Based 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.