

M-SERIES



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%

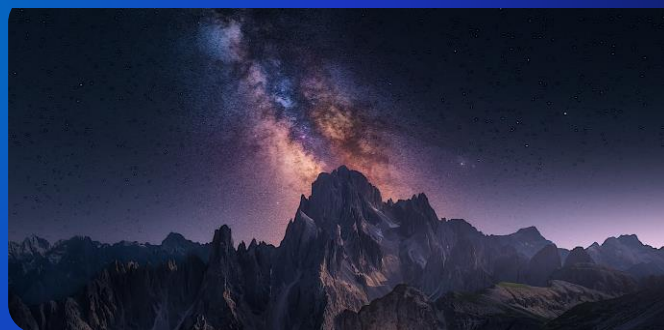
Outstanding System Performance

- 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



SPECIFICATIONS

Model		AL-MU500A	AL-MU525A	AL-MK525A
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 Output ^①		4,500 lm	5,200 lm	5,200 lm
Light Source Type		ALPD® Laser (Laser type: Class1)		
Life Source Lifetime ^⑥		20,000h		
Contrast ^②		100,000 :1		
Uniformity		90%		
Display Gamut		REC.709		
Optional Lenses		Manual Focus/Zoom Lens: 1.0-1.6:1 Motorized interchangeable lenses: 0.7-0.9:1, 1.54-2.48:1	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	≤400W	≤450W	≤450W
	Stand by	<0.5W		
Structure	Measurements ^③	17.2" × 13.1" × 4.25"		
	Weight ^④	16.5 lbs	19.4 lbs	20.3 lbs
Working Environment	Temperature ^⑤	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.

