

Excellent Performance Incredible Value

D Pro Series High Brightness Installation Projector



Brightness and Feature Enhancements

- Superior Picture Quality
- Easy to Install
- Cinema Level Reliability
- WUXGA Resolution
- 4G Module/Wireless Control
- APCS Platform

Best Value 1- Chip DLP Laser Installation Projector

- The Signature ALPD Engine
- New User-Friendly OSD
- Coverage beyond Rec 709.
- 6,300 – 9,300 lumens
- Internal 4G Module
- More accurate and stable color rendition
- Red ratio above 10% to provide high saturation colors

TI Color Ratios Recommendation

| | Color Ratios | | |
|-------|--------------|---------|------|
| | Good | Medium | Fail |
| R / W | >10% | 10%-6% | <6% |
| G / W | >40% | 40%-30% | <30% |
| B / W | >3% | 3%-1% | <1% |
| C / W | >43% | 43%-31% | <31% |
| M / W | >13% | 13%-7% | <7% |
| Y / W | >80% | 80%-36% | <36% |

Red Color Ratios=6~7% Red Color Ratios around 7% Red Color Ratios around 16%



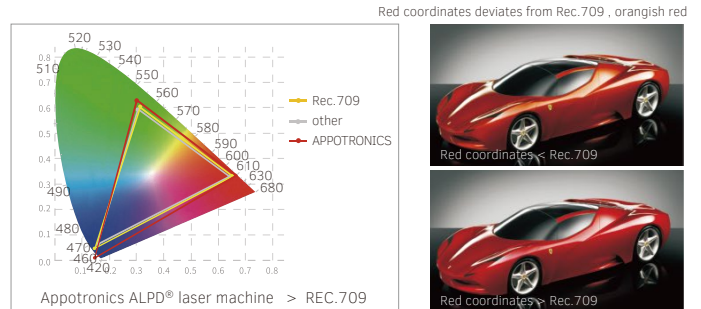
Other Laser DLP (650nm)
Red Color Ratios>1.0%



Barren skin



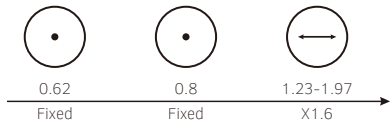
Natural skin



Excellent Performance in Installations

● Optional Lenses

Added two short throw optional lenses to adapt to installations in smaller spaces.



● Multi-color correction provides color/brightness uniformity for any blended pictures

With RGBYCMW seven-axis color correction users can easily adjust the pictures to reach the desired uniformity.

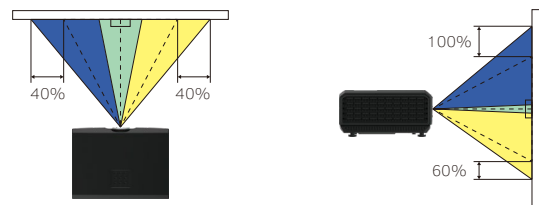


● APCS(Appotronics Projectors Control System)

- Projector O&M, monitoring and interconnection management platform
- Free APP for computer, tablet and phone
- Management and monitor on cloud platform or app

● Wide Range Manual Lens Shift

H & V manual lens shift at $\pm 40\%$ (vertical) and $+100\%$, -60% (horizontal).



● All products support 3D

Support infrared 3D and DLP-link 3D.



Cinema Level Reliability

● Fully sealed optical engine with filter-free anti-dust structure

IP5X level sealed optical engine from the light source to the core display chip area.

● The all-new patented inner loop color-wheel cooling system

| Dust 2.5mm | Dust 1.0mm | Dust free |
|------------|------------|-----------|
| IP3X | IP4X | IP5X |

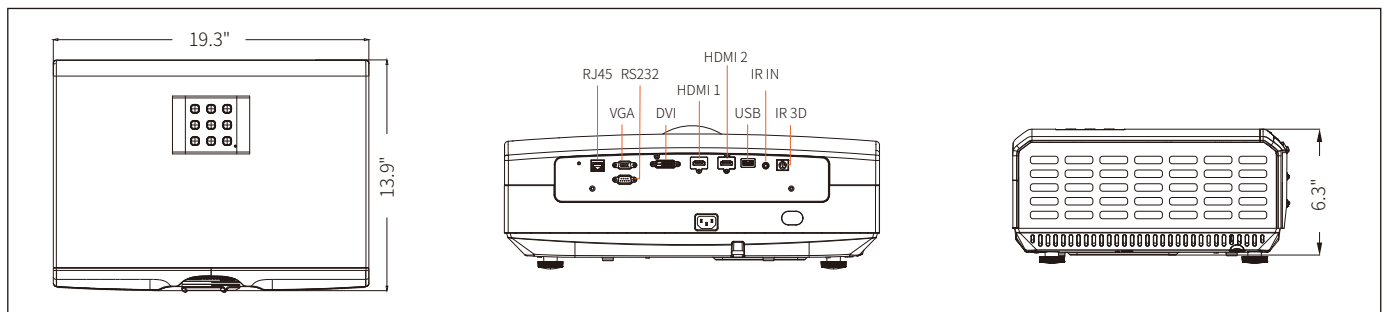


Technical Specifications

| Model | | AL-DU635A | AL-DU735A | AL-DU835A | AL-DU935A |
|------------------------|---------------------------|--|--------------------------|--------------------------|--------------------------|
| Display Technology | | DLP™x1, DLP™ projection system | | | |
| Panel Size | | 0.67"DMD | | | |
| Resolution | | 1,920×1,200, WUXGA | | | |
| Brightness Output ① | | 6,300lm/6,600lm (Center) | 7,300lm/7,600lm (Center) | 8,300lm/8,600lm (Center) | 9,000lm/9,300lm (Center) |
| Light Source Type | | ALPD® Laser | | | |
| Life Source Lifetime ⑥ | | 20,000h | | | |
| Contrast ② | | 100,000 :1 | | | |
| Uniformity | | 90% | | | |
| Display Gamut | | REC.709 | | | |
| Optional Lenses | | 0.62:1, 0.8:1, 1.23-1.97:1 | | | |
| Screen Size | | 80" ~ 300" | | | |
| Keystone | | H+V: ±35°, 4-corner keystone | | | |
| Optical Axis Shift | | Vertical: down 100%, up 60%; Horizontal: ±40%, powered | | | |
| Input Resolution | | 1,920x1,200 | | | |
| I/O | | DVI × 1 / HDMI × 2 / VGA × 1 / RS232 × 1 / M3 × 1 / RJ45 × 1 / USB × 1 / IR 3D out × 1 | | | |
| Power Supply | | 100-240V AC, 50/60Hz | | | |
| Power Consumption | Standard | ≤ 450W | ≤ 500W | ≤ 550W | ≤ 600W |
| | Stand by | < 0.5W | | | |
| Orientation | | 360° installation | | | |
| Noise | | 35dB (standard mode) | | | |
| Structure | Measurements ^③ | (L×W×H) 19.3×13.9×6.3" (490×352×161mm) | | | |
| | Weight ^④ | ≤5.91lbs(13kg) | | ≤6.36lbs (14kg) | |
| Working Environment | Temperature ^⑤ | 32°F~104°F (0~40°C) 95°F~104°F (35~40°C) Eco Mode | | | |
| | Humidity | 20%~80% (no condensation) | | | |

① Based 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 0°C~ 35°C when working under High Altitude Mode. Output of projector will be reduced to 50% if ambient temperature exceeds 35°C. 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.

I/O & Dimensions



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