

Superior Performance

Upgraded T Pro Series Large Venue Projectors

T Pro Series

AL-TU34KA



- The upgraded T Pro Series of blue and red laser combines superior ALPD® with the 3DLP projection system. Achieving a high brightness of 34000lm and wide color gamut, T Pro projectors bring reliable and razor-sharp images to every type of event and venue.

- The T Pro range is the ultimate in experience and installation savings, with significant cost reductions.

Reliability Proven Through Cinemas

- ▶ 20,000 hrs long operating time, resulting in considerable cost-savings
- ▶ The light source has been commercially proven in large scale, long term use
- ▶ Powerful liquid cooling system enables 24/7 operation
- ▶ With Two-channel input signal source backup function, ideal for large-scale performances, live events and other scenarios.

High Brightness & Stunning Color Performance

- ▶ High brightness up to 34000lm
- ▶ 3-chip DLP laser phosphor large venue projector
- ▶ Flawless shows with accurate colors every time
- ▶ Red Color Ratio >20%, for rich, vibrant and true-to-life visuals
- ▶ Widest color gamut, covering 120% of Rec.709 color space
- ▶ 120Hz high refresh rate for smoother video results

Comprehensive Installation Flexibility

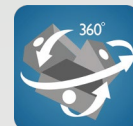
- ▶ 360° operates for unlimited installation flexibility
- ▶ 8 optional lens ranges from 0.7:1 to 8.2:1
- ▶ Compact and lightweight installation-projectors
- ▶ Optional detachable handle, hanging frame and hanging rings etc.
- ▶ Built-in image warping and multi-projector blending software
- ▶ Integrated central control software, compatible with serial, network, etc.

APCS (Appotronics Projectors Control System)

- ▶ Professional APCS platform for daily management, control, adjustment, monitoring and diagnosis of multiple projectors.
- ▶ Support wired and wireless (optional) connection.
- ▶ PC, tablet, and phone access via app or network.



Red+Blue Laser



360° Installation



Low Noise



Compact Design



Input Back-up



3DLP Projection System

Specifications



Model	AL-TU34KA	
Display Technology	DLP™ chip × 3, DLP™ projection system	
Resolution	1,920 × 1,200 (WUXGA)	
Brightness Output ^①	32,000lm/34,000lm (Center)	
Light Source Type	Red and Blue Laser + ALPD® Laser	
Light Source Lifetime ^⑥	20,000h	
Contrast ^②	100,000:1	
Uniformity	>95%	
Display Gamut	Rec.709	
Edge Blending	Horizontal & vertical edge blending	
Optional Lenses	Powered lenses 0.7:1, 0.8:1, 0.89-1.29:1, 1.28~1.81:1, 1.6~2.29:1, 2.13~4.16:1, 3.66-5.94:1, 4.5-8.2:1	
Screen Size	70" ~ 1000"	
Keystone	Vertical & horizontal ±20°, corner keystone, multi-point keystone correction	
Refresh Rate	WUXGA 120 fps; 4K decode, 4K 60 fps	
Bandwidth	600MHz	
Optical Axis Shift	Vertical: ±90%, Horizontal: ±40%, powered	
I/O	HDMI × 1 / DVI-D × 1 / HDBaseT × 1 / VGA × 1 / DisplayPort × 1 / SDI × 2 / RS-232 (IN & OUT) × 2 / Remote (IN & OUT) × 2 / USB × 1 / RJ-45 × 1	
Power Supply	100-240V AC, 50/60Hz	
Power Consumption	Standard	3400W
	Standby	<0.5W (ECO Standby)
Structure	Measurements ^③	30.7" × 23.9" × 11"
	Weight ^④	154 lbs
Noise	49dB	
Working Environment	Temperature ^⑤	32°F~113°F
	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 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. Actual time may vary according to the operating modes, environment and other user behaviors.

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Disclaimer:

- All brightness/contrast values listed are based on ISO21118 standard and are the average value of all shipped products.
- 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.
- All data listed are based on lab test values. Actual value may differ due to external environments.
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