

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)

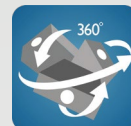
- ▶ Professional APCS platform for daily management, control, adjustment, monitoring and diagnosis of multiple projectors.
- ▶ Support wired and wireless (optional) connection.
- ▶ PC, tablet, and phone access via app or network.



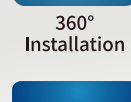
34000lm
High Brightness



Red+Blue
Laser



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:

1. All brightness/contrast values listed are based on ISO21118 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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