

T SERIES



APPOTRONICS



SUPERIOR PERFORMANCE

Upgraded T Pro Series Large Venue Projectors



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



34,000 Lumens



360° Compact Installation



Red + Blue Laser



Compact Design



Input Back-up



Low Noise



3DLP® Projection System

The upgraded T 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.

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.

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.

High Brightness & Stunning Color Performance

- High brightness - 34,000lm
- 3-chip DLP laser phosphor large venue projector
- Flawless shows with accurate colors every time
- Red Color Ratios >20%, for rich, vibrant and true-to-life visuals
- Widest color gamut, covering 120% of Rec. 706 color space
- 120Hz high refresh rate for smoother video results

APCS (Appotronics Projector 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.

SPECIFICATIONS

Model		AL-TU34KA
Display Technology		DLP™ chipx3, DLP™ projection system
Resolution		1,920×1,200
Brightness Output ¹⁾		32,000lm/34,000lm (Center)
Light Source Type		Red and Blue Laser + ALPD® Laser
Life Source Lifetime ⁶⁾		20,000h
Contrast ²⁾		100,000 :1
Uniformity		>95%
Display Gamut		REC.709
Edge Blending		Horitonal & 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
Band Width		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
	Stand by	<0.5W (ECO Standby)
Structure	Measurements ³⁾	280 x 608 x 780mm
	Weight ⁴⁾	70kg
Noise		49dB
Working Environment	Temperature ⁵⁾	0°C~45°C
	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. Actual time may vary according to the operating modes, environment and other user behaviors.

Disclaimer:

- All brightness/contrast values listed are based on ISO2118 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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