APPOTRONICS®

Superior Performance

Upgraded T Pro Series Large Venue Projectors

T Pro Series

- 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.

ALPD LASER LIGHT SOURCE
Red+Blue Laser

34000lm
34000lm High Brightness

360° Installation

Compact Design

dB
Low Noise

Input Back-up

PICTURE BY
3DLP
3DLP Projection System

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 Ratios >20%, for rich, vibrant and true-to-life visuals
▷ Widest color gamut, covering120% of Rec. 706 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.
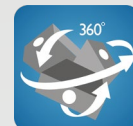
APCS (Appotronics Projectors Control System)

▷ 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.

APPOTRONICS PROJECTOR SPECIFICATION

Model	AL-TU34KA	
Display Technology	DLP™ chipx3, DLP™ projection system	
Resolution	1,920×1,200	
Brightness Output①	34,000lm (Center)	
Light Source Type	ALPD® (Laser type: Class1, under IEC60825-1:2014)	
Life Source Lifetime⑥	20,000h	
Contrast②	100,000 :1	
Uniformity	95%	
Display Gamut	REC.709	
Edge Blending	Horitonal & vertical edge blending	
Optional Lenses	Powered Lenses 0.89-1.29:1; 1.28~1.81:1; 1.6-2.29:1; 2-4:1; 3.66-5.94:1; 4.5-8.2:1	
Screen Size	70"~1000"	
Keystone	Vertical & horizontal ±20°, 4 corner and multi-points 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	2800W
	Stand by	＜0.5W (ECO Standy)
Structure	Measurements③	(L×W×H) 23.9×30.7×11'' (608×780×280mm)
	Weight④	31.8 lbs (70kg)
Noise	49dB	
Working Environment	Temperature⑤	32°F~113°F (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℃~ 35℃ when working under High Altitude Mode. Output of projector will be reduced to 50% if ambient temperature exceeds 35℃. 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.

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