Advanced Large Venue DLP Cinema Projector 4K Three Color For Auditorium

Our Product Introduction

Basic Information

- Brand Name: Yeoan
- Model Number: LPT120UL
- Minimum Order Quantity: 1
- Packaging Details: talked with me to get the details
- Delivery Time: 15 days
- Payment Terms: L/C, T/T, Western Union

Product Specification

- Light Luminance: 12000 Lumens
- Projection Light Source: RGB Three Color Laser
- Display Technology: DLP
- Standard Resolution: 4k Enhancement Native 2716×1528
- Projection Ratio: Optional Lens
- Lens Shift Range: Vertical: ±100% horizontal:±30%
- Aspect Ratio: 16:9
- Focus Mode: Electric Motorized
- Keystone Correction: Automatic, Vertical: ± 30 Degrees Horizontal: ± 30 Degrees
- Projection Mode: 360° Projection
- Highlight: **4K dlp cinema projector**,
  auditorium dlp cinema projector,
  4K large auditorium projectors

Product Description

New technology 4K three-color laser high-brightness projector

It uses pixel offset to achieve ultra-high resolution of 3840x2160 and smooth pixel transition.
It also has HDR image processing technology to make the screen display more realistic.
HDR can help users better see the light and dark details of the picture, and can express more detailed image content.

Red, green and blue laser light sources
Through a new three-color laser engine, using 100% RGB pure
laser light source, and through dynamic speckle technology,
the color restoration effect is better, the picture is more
realistic, the color gamut coverage reaches 130% NTSC, far
exceeding the DCI-P3 color gamut standard, and the vision is
comfortable The degree is significantly improved.

remote control
Using Ethernet remote monitoring technology, it provides control software and control interfaces to achieve remote access to the projector, allowing users to start and stop projection, and monitor the equipment in real time.
Status, perform remote problem diagnosis and processing. The remote control function has the advantage of saving time and worry, effectively improving user experience, and reducing installation, debugging, use, and maintenance costs.
Improved equipment efficiency and reliability.

Features:
. DLP technology 0.66" DMD chip pixel shifting 3840*2160
. Brightness up to 12000 lumens, contrast 500,000:1
· Laser light source life 20000 hours (ECO mode)
. 4KUHD resolution 3840*2160
. Dustproof IP6 level
· Support 3D
· Support four-corner adjustment
  Support color setting function
  Military-grade information system security protection
. Support power detection and power on, support signal source detection and power on
. Support automatic shutdown, support sleep timer
  RJ-45 interface supports multiple network controls
. ProjectorID combined with RS-232 interface can easily realize centralized management
· Aviation-grade rigorous test standard 7" 24-hour uninterrupted work

LPT80UL-4K / LPT100UL-4K / LPT120UL-4K series

4K three-color laser high-brightness projector

Model	LPT80UL-4K	LPT100UL-4K	LPT120UL-4K
Display Technique		TI 0.66"DMD 4K UHD	
Physical resolution		2716×1528	
Output resolution		3840×2160	
Brightness (lumen)	8000	10000	12000
Aspect ratio		16:9	
Image Contrast Ratio		static 1200:1	
Uniformity		≥90%	
		0.75~0.95:1	
		0.95~1.22:1	
		1.22~1.53:1	
Lens shift range		vertical: ±30% in width③ horizontal: ±100% in height④;	
Image size		50"~300" (16:9)	
light source		Red Green Blue three color laser	
Color gamut		130%NTSC	
light source life①		≥20000hours	
adjustable light source②		yes	
color temperature range		Standard, cool, warm	
signal interface		DP IN*1	
		HDMI IN*2	
		DVI-D*1	
		VGA IN*1	
		3D SYNC IN*1	
		3D SYNC OUT*1	
control interface		RJ45*1	
		RS232*1	
		MINI USB*1	
noise⑤	≤45dB	≤48dB	≤50dB
working temp.⑥	0~2500 ft @ 10℃~35℃	0~2500 ft @ 10℃~35℃	0~2500 ft @ 10℃~30℃
	2500~5000 ft @10℃~30℃	2500~5000 ft @10℃~30℃	2500~5000 ft @10'C~25℃
	5000~10000 ft @10℃~25℃	5000~10000 ft @10℃~25℃	5000~10000 ft @10'c~20℃
storage temp.		-20℃~60℃	
Working humidity		10%~85%	
input volt.		AC 100-240V	
input frequency		50Hz/60Hz	
peak power240VAC	650W@ 220VAC	700W@ 220VAC	750W@ 220VAC
dimension⑦		520(W) x 450(D) x 190(H) mm	
weight⑦		22kg (not incl. lens)	
sealed engine		yes	
720 degree installation		yes	
Configuration function		Power on or standby state, lens lock state, remote control ID setting	

① Lifetime definition: the time required for brightness to decay by 50%
② Dimming to different brightness modes: recommended, energy saving
③ 100%=half the screen width, optical offset
④ 100%=half the screen height, optical offset
⑤ In energy-saving mode, test results under ISO21118 standard
⑥ When the ambient temperature exceeds the specified range, the projector needs to reduce the brightness to work
⑦ Projector body, excluding lens and handle