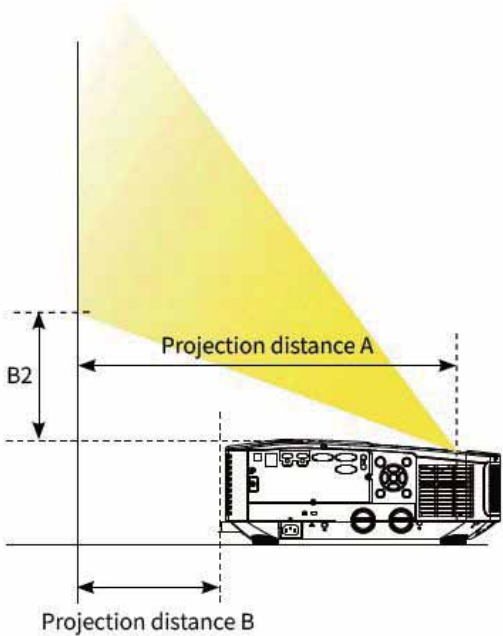


Product Specification			
Model	PA500X	PA500W	PA500U
Optical Spec.			
Brightness	5000	5000	5000
Display Technology	3LCD		
Contract Ratio	5,000,000:1(FOFO)		
Resolution	XGA (1024x768)	WXGA (1280x800)	WUXGA (1920 x 1200)
Light Source	Laser Diode		
Noise	ECO2: 27dB/ ECO1: 30dB/ Normal: 37dB		
Lamp Lifetime	20000 Hrs		
Aspect Ratio	4:3(Standard) / 16:9 (Compatible)	16:10(Standard) / 4:3/16:9 (Compatible)	
Projection Lens			
Zoom/Focus	Manual		
Throw Ratio	0.254:1	0.235:1	0.235:1
Screen Size	80"~120"	80"~120"	80"~120"
Generic Spec.			
Speaker	1*16W		
Scanning Frequency	Hsync Frequency 15~100KHz / Vsync Frequency 24~85Hz		
Computer Signal Input	VGA, SVGA, XGA, SXGA, WXGA, UXGA, WUXGA, 4K@30Hz		
Videp Compatibility	PAL, SECAM, NTSC 4.43, PAL-M, PAL-N, 480i, 480p, 576i, 576p, 720p, 1080p and 1080i		
Power Requirements	100~240V @ 50/60Hz		
Power Consumption	350W @Normal/ 270W @ECO1/ 230W @ECO2		360W @Normal/ 280W @ECO1/ 230W @ECO2
Keystone Correction	V: ±5°(manual), H: ±5°(manual), Pincushion/Barrel Correction, 4 Corner Keystone, 6 Corner Geometry correction, Grid image tune		
OSD(Languages)	26 languages: English, German, French, Italian, Spanish, Polish, Swedish, Dutch ,Portugese, Japanese, Simplified Chinese, Traditional Chinese, Korea, Russian, Arabic, Turkish, Finnish, Norwegian, Danish, Indonesian, Hungarian, Czech, Kazak,Vietnamese,Thai, Farsi		
Input Terminals	VGA x1, Audio in(mini jack, 3.5m) x1, Audio in(mini jack, 3.5m) x1, HDMI x2(one is compatible with MHL), USB-A x1(Support Memeory viewer, USB-B x1(Display), RJ 45 x1,		
Output Terminals	VGA x1, Audio out (mini-jack,3.5mm) x1		
Other Terminals	RS-232x1, RJ45 x1(control), USB-Bx1(for up-grade)		
Mechanical Spec.			
Power Supply	AC 100 – 240 V ~ 50-60 Hz		
Net. Weight(KG)	11 kg		
Max Dimensions( WxHxDmm)	520(W) x 435(D) x 168(H) mm		
Standard Accessories			
Standard	Power cord, VGA cable, Remote control, Service Card, QSG(for Projector)		

\*specification subject to change without notice

Projection distance

Model	Projection Screen Size			16:10 aspect ration		
	Screen Size (inch)	Width (H/m)	Height (B1+B2/m)	Tele (A/m)	Wide (B/m)	Height position (B2)
PA500X	80	1.723	1.077	0.443	0.015	0.257
	85	1.831	1.144	0.468	0.039	0.277
	90	1.939	1.212	0.492	0.064	0.296
	95	2.046	1.279	0.517	0.088	0.316
	100	2.154	1.346	0.541	0.113	0.335
	110	2.369	1.481	0.590	0.162	0.374
	120	2.438	1.829	0.603	0.174	0.234
PA500W/ PA500U	Projection Screen Size			16:10 aspect ration		
	Screen Size (inch)	Width (H/m)	Height (B1+B2/m)	Tele (A/m)	Wide (B/m)	Height position (B2)
	80	1.723	1.077	0.410	-0.018	0.135
	84	1.808	1.130	0.428	0.000	0.144
	85	1.831	1.144	0.433	0.005	0.147
	90	1.939	1.212	0.456	0.027	0.159
	95	2.046	1.279	0.478	0.050	0.171
	100	2.154	1.346	0.501	0.073	0.182
	110	2.369	1.481	0.546	0.118	0.206
	120	2.585	1.615	0.592	0.163	0.230



PA500X / PA500W / PA500U



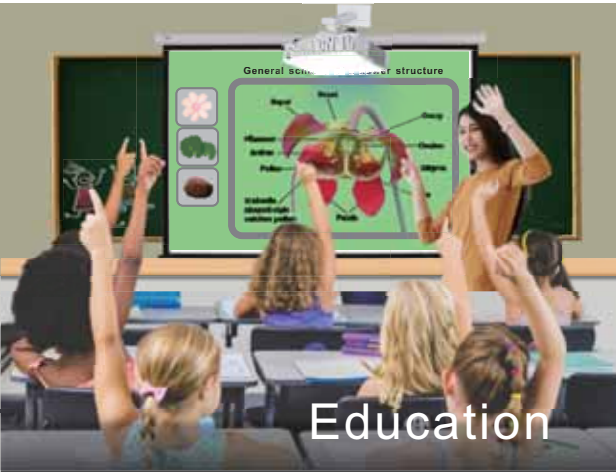
Ultra Short Throw Projector

The ultra-short throw projector with throw ratio of 0.235 prevents from strong light to harm your eyes when projecting image. Adopting 3LCD technology and laser light source to create 6000 lumen and high contrast ratio output, bringing bright image and vivid color performance in large space.

- 0.235:1 Ultra Short Throw
  - Supports 4K Signal Input
  - Up to 20,000 Hours Light-source Lifetime
- 5,000,000:1 High Contrast
  - 360 Degree Projection
  - Powerful Geometry Correction







Education



Business



Entertainment

## High Brightness, Rich Color and Vivid Images

Adopting 3LCD technology and laser light source, brightness output reaches to 5000 lumens and 5,000,000:1 contrast. Install this projector indoors in large space to still keep the screen full of rich color performance and vibrant image.



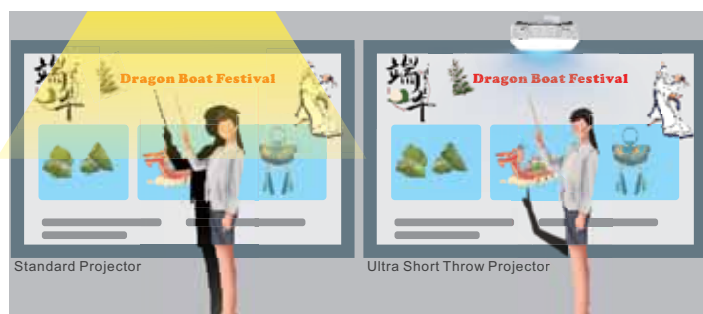
▲ High Contrast  
5,000,000:1



▲ Low Contrast

## No Shadow in the screen

Projecting 90" at a distance of 45cm, the ultra-short throw projector avoids direct light to harm the eyes and protects the user's safety.



## 20,000 Hours without change Light Source

Laser light source design can up to 20,000 hours operation time without light source replacement to reduce maintenance effort and give customer user-friendly feeling.

Light source has Normal, ECO1, ECO2 modes be adjusted by the ambient light to save energy.



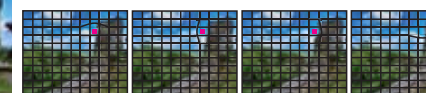
## 360 Degree Projection

Any tilt-free, roll-free and portrait can be installed at any angle universally. Under the freeform (360-degree) projection the projector can be set up to point up or down depending on the installation environments and can be installed on its side to create a portrait image.



## Powerful Geometry Correction

In addition to the conventional Vertical and Horizontal keystone correction, we still provide 4 Corner keystone, Pincushion, Barrel Correction, 6 Corner Correction and Grid Image for installer to install on spheres, cylinders, and many more non-standard surfaces.



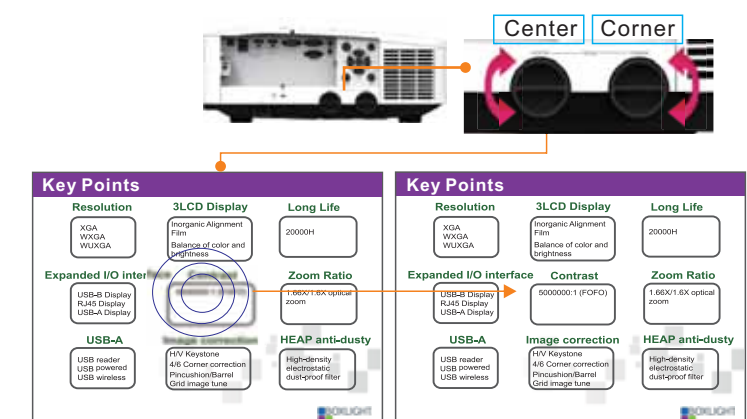
6 Corner Correction



Pincushion/Barrel

## Focus Adjustment

The focus of the center and four corners can be adjusted separately to reduce the unbalanced image sharpness.



## Superior Dust Proof Design

High efficiency ESD filter can make sure projector under the clean situation operation to extend the projector life and ensure the image quality.

Projector built-in an auto-detected system, always checks the projector's air volume, and automatically detects whether the filter is blocked. It can actively give the alarm to clean up the filter message to protect the machine and improve the service life.



## Multiple Interface

Equipped with a wide range of terminals, such as HDMI×2, VGA, USB-A.

