SMX

Shenzhen SMX Display Technology Co.,Ltd

UST Laser Projector

MX-WPL500X / MX-WPL500W/ MX-WPL500U



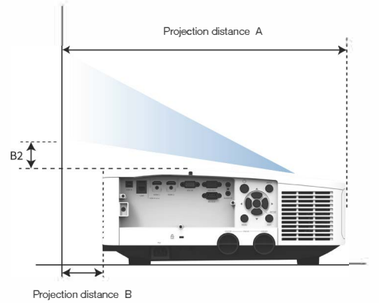
Product specification

Spec			
Model	MX-WPL500X	MX-WPL500W	EL-PL506UT
Display Panel	3x0.63"	3x0.64"	
Display Technology	Liquid Crystal Display		
Light source Life time	20000hrs		
F	F1.7		
Light source	laser		
Brightness-Actual(Ansi Lumens) (Typ.)	5000lm		
Throw ratio	0.254:1	0.235:1	
Screen size	0.464m@90"	0.456m@90"	
Contrast Ratio(FOFO)	5000000:1		
Noise(dB)	37dB(Normal)/30dB(ECO1)/27dB(ECO2)		
Uniformity	80%		
IO			
VGA	*1		
HDMI 1.4B(IN)	*2		
USB-A	*1		
USB-B	*1(display)		
RJ45	*1(display)		
Audio in(mini jack,3.5mm)	*1		
VGA	*1		
Audio out (mini jack,3.5mm)	*1		
RS232	*1		
RJ45	*1 (Control)		
USB-B	*1 (For upgrade)		
Others			
Speaker	16W*1		
Dust filter	W/Filter		
Power Requeirements	100~240V~ @ 50/60Hz		
Operating Temp	0 to 40deg.C		
Operating Thumidity	20-80%		
Store Temp.	-10 to 50deg.C		
High altitude	0~3000m		
360° projection	Yes		
Wireless display(Optional)	SmartPhone: Android(Install APK for Android) / iphone(Airplay function) PC projection: Support WiFi Display@Windows&MACsysternthrough dongle		
Dimension&Weight			
MAX Dimensions(WxHxD mm)	520x435x168mm		
Net. Weight	~11KG		

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Projection distance



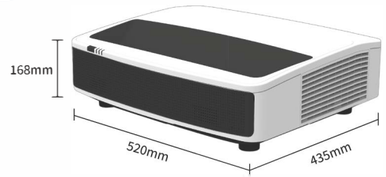
◆ MX-WPL500X ◆

4:3 Aspect ratio					
Screen Size	Width(H)	Height(B1+B2)	Projection distance A	Projection distance B	Height position(B2)
80	1.626	1.219	0.418	-0.010	0.138
82	1.670	1.252	0.428	0.000	0.143
85	1.727	1.295	0.441	0.013	0.150
90	1.829	1.372	0.464	0.036	0.162
95	1.930	1.448	0.487	0.059	0.174
100	2.032	1.524	0.510	0.082	0.186
110	2.235	1.676	0.557	0.128	0.210
120	2.438	1.829	0.603	0.174	0.234

◆ MX-WPL500W /MX-WPL500U ◆

16:10 Aspect ratio					
Screen Size	Width(H)	Height(B1+B2)	Projection distance(A)	Projection distance(B)	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

Product Dimension



Laser light source ultra short throw 3LCD Projector
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Multiple keystone correction

H/V keystone, 4-Corner correction, 6-Corner correction function and Grid image Tune function. The adjustment operation is simple to ensure that users can obtain the best imaging effect on various irregular projection surfaces.



vertical

horizontal





6-corner



Pincushion



Barrel



Grid image Tune

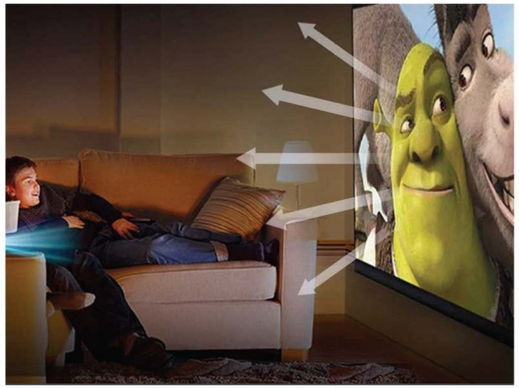
0.235:1 ultra-short throw throw ratio, easy giant screen experience

0.235:1 ultra-short throw throw ratio, the rear end of the machine is less than 20cm from the wall, you can enjoy 100 Inch giant screen frame.



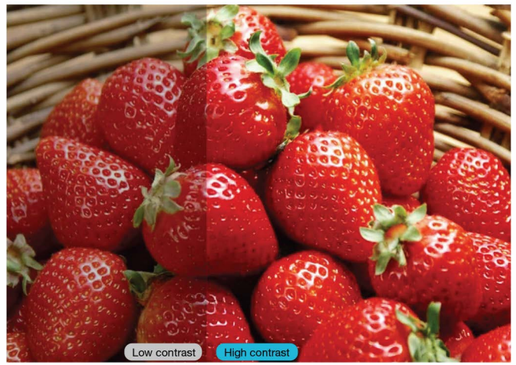
Better eye protection; healthy eyesight

The laser light source has less blue light in the spectrum, which is more eye-friendly, passive light-emitting diffuse reflection, soft and natural picture, protect eyesight health. The laser light source can present a highly pure color reproduction closer to nature, and the high color rendering effect has better light resistance.



5,000,000:1 dynamic contrast ratio

Ensure that every detail of the picture, including the dark part of the picture, can fully express its level, Bring you rich and delicate visual enjoyment.

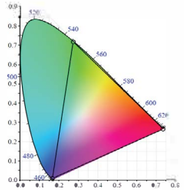


Colorma color management wide color gamut

Colorma color management technology is a color management technology that has accumulated 30 years of research and development experience and is specifically applied to projection displays. Laser light source has the characteristics of high spectrum and wide color gamut, which can be debugged to cover The professional display effect of Rec.2020 color gamut not only guarantees abundant brightness output, but also has rich color performance. So as to achieve the effect of degree and color balance.

Brightness and color balance

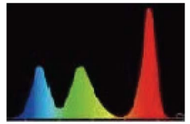




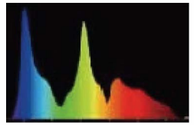
More gorgeous, high spectrum, high color reproduction

The height of red and the width of blue and green in the laser light source spectrum are significantly better than traditional light sources, which can provide higher brightness and present a highly natural and beautiful color reproduction.

Laser light source spectrum

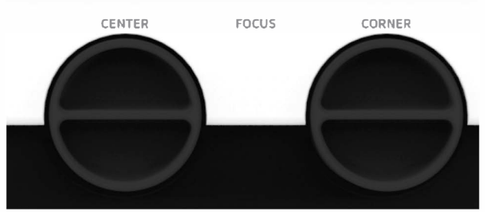


HLD light source spectrum



Manual focus in minutes and seconds, the picture is instantly clear

Manual focus through the knob can quickly achieve a clear picture.



30,000 hours light source life

The brightness of the laser light source will gradually decrease as the use time increases. The actual service life of the laser light source is affected by factors such as usage mode, environmental conditions, and user habits. Using 4 hours a day, the projector can be used for about 20 years, and the service life will be effectively extended.



16W speakers with outstanding performance make the meeting sound and colorful

The fuselage is equipped with a 16W built-in speaker with outstanding performance, which makes the sound more loud and the meeting is more vivid and colorful.

