



High Brightness Projector



MX-EL650U

6,500 Lumens / WUXGA / 3LCD Laser + Phosphor Light Engine / HDBaseT/ Miracast

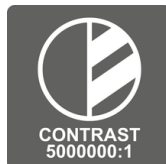
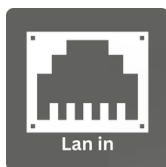
MX-EL820U

8,200 Lumens / WUXGA / 3LCD Laser + Phosphor Light Engine / HDBaseT/ Miracast

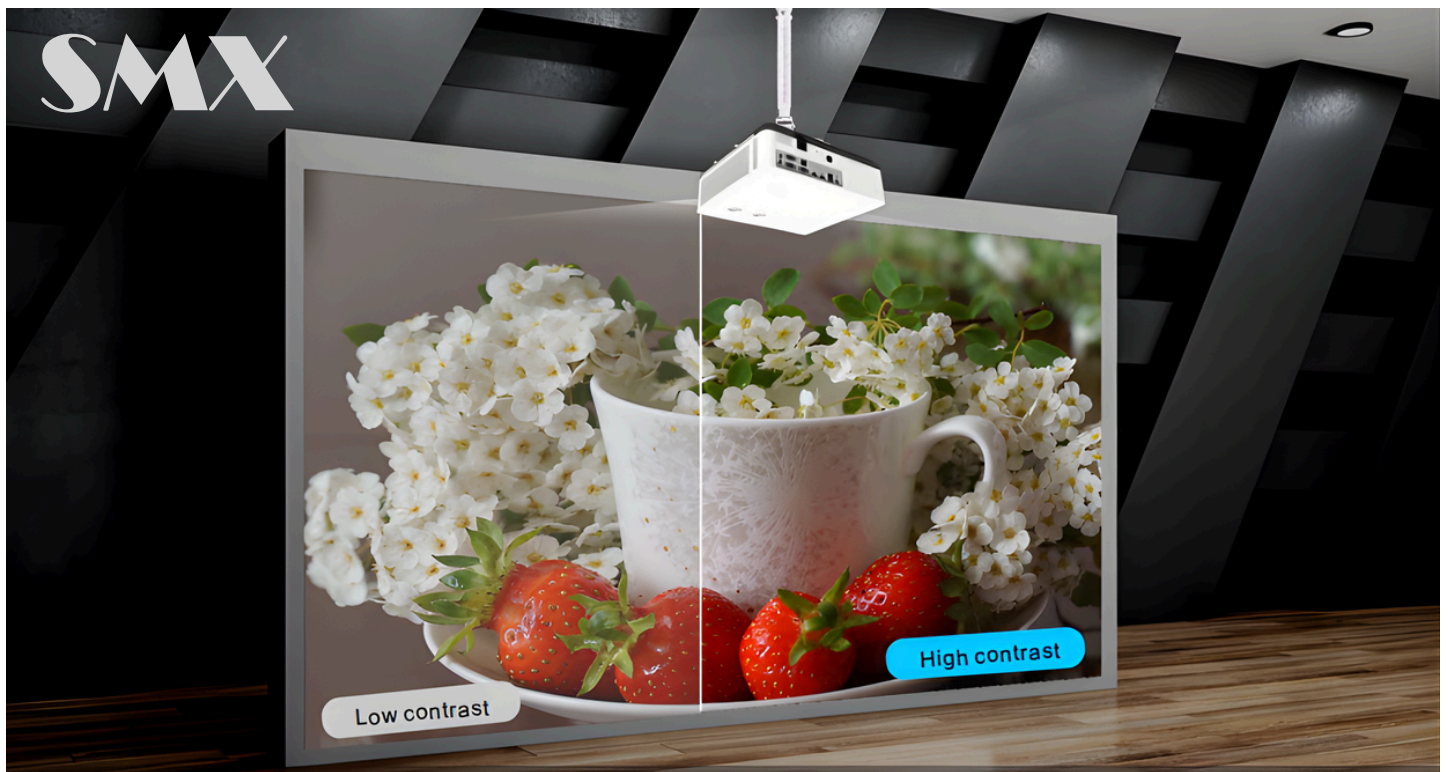
MX-EL1000U

10,000 Lumens / WUXGA / 3LCD Laser + Phosphor Light Engine / HDBaseT/ Miracast

Accepts inputs up-to 4K Crestron RoomView™ & AMX Device Discovery Technology



SMX



High Brightness, High Contrast, 4K Display

Experience the extraordinary capabilities of our laser projectors with an impressive 6,500 to 10000 lumens of brightness and a dynamic contrast ratio of 5,000,000:1, bringing every intricate detail of the image to life, ensuring an image that captivates with its depth and clarity Visual experience. Furthermore, equipped with a 4K resolution that is 4 times the clarity of 1080P, it delivers a sharp and clear picture even on a giant 100-inch screen. The visuals are presented with exceptional brightness, vividness, and a higher level of realism and fidelity, immersing viewers in a truly remarkable display.



Convenient Mid-range Manual Zoom and Focus Lens

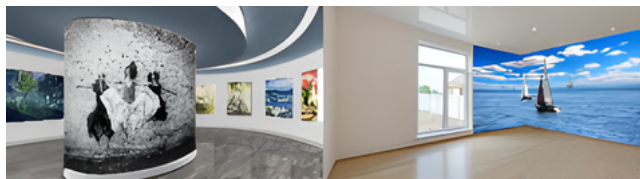
It adopts 1.6x zoom lens, and approximate 0%~+60% vertical manual lens shift for 1.6x ratio zoom lens, which is suitable for a variety of installation environments.

Versatile Installation Capability

- Horizontal, Vertical and Corner Keystone Correction.
- Pincushion/Barrel and 6 point Geometric Correction.
- 360o Free Orientation

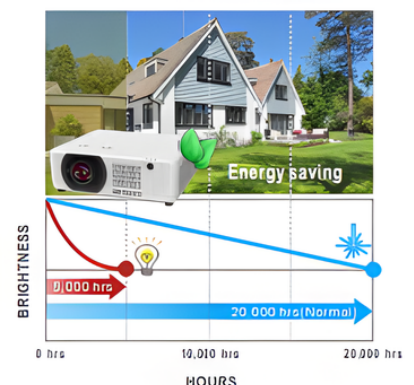
Key Feature

- 30,000 hours Light Source Life
- 5,000,000:1 Contrast ratio
- 3LCD + Laser Optical Engine
- Supports 4K input
- Flexible Installation:
 - 360o free orientation -Pin / Barrel Correction -Lens Shift
 - V: +/- 29% H: + 65%
- Keystone Correction
 - V/H: +/-30
 - 4 Corner, 6 Corner, Grid image tune



30,000 Hours without change Light Source

Laser light source design can up to 30,000 hours operation time without light source replacement to reduce maintenance effort and give customer user-friendly feeling.



* Laser light source can up to 30,000 hrs (ECO mode)

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MX-EL650U /MX-EL820U / MX-EL1000U

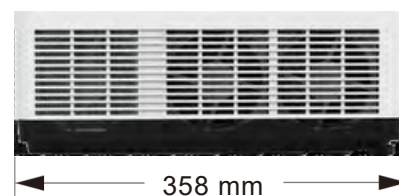
WUXGA 3LCD Laser Projector

SPECIFICATIONS

Model	MX-EL650U	MX-EL820U	MX-EL1000U
OpticalSpec.			
Brightness (Lumens)	6500lm	8200lm	10000lm
Display Technology	3LCD		
Contract Ratio	5,000,000:1		
Resolution	WUXGA (1920 x 1200)		
Light Source	Laser Diode		
Noise	ECO2: 29dB/ ECO1: 31dB/ Normal: 39dB		
Lamp Lifetime	20,000 hrs(Normal)/ 30,000 hrs(ECO)		
Aspect Ratio	16:10(Standard)/4:3/16:9(Compatible)		
Projection Lens			
F	1.5~ 2.08		
f	17.2~ 27.7mm		
Zoom/Focus	Manual		
Zoom Ratio	1.6x optics		
Throw Ratio	1.2~ 2.0:1		
Screen Size	30"~300"		
Lens Shift V	V: 0%~+60%; H: +/-29%		
Generic Spec.			
Speaker	1*16W Hsync Frequency 15~100KHz / Vsync Frequency		
Scanning Frequency	24~85Hz VGA, SVGA, XGA,		
Computer Signal Input	SXGA,WXGA,UXGA,WUXGA,4K@30Hz PAL, SECAM,		
Videp Compatibility	NTSC 4.43, PAL-M, PAL-N, 480i, 480p, 576i, 576p, 720p, 1080p and 1080i		
Power Requirements	100~240V @ 50/60Hz		
Power Consumption	ECO2: 235W/ ECO1: 285W/ Normal: 425W		
Input Terminals	VGA x1, HDMI 1.4B x2, Audio in (mini-jack,3.5mm) x1, USB-A x1(Support Memory viewer), USB-B x1(Display), RJ 45 x1, HDBaseT x1, wireless connection Miracast		
Output Terminals	VGA x1, Audio out (mini-jack,3.5mm) x1 RS-232x1, RJ45		
Other Terminals	x1(control), USB-Bx1(for upgrade)		
Other Function			
Keystone Correction	V: ±30°, H: ±30°, Pincushion/Barrel Correction 4 Corner Correction, 6 Corner Geometry Correction Grid Image Tune		
Auto Setup	INPUT SEARCH, AUTO PC, Auto Keystone, Auto Ceiling		
Picture mode	Dynamic, Standard, Cinema, Colorboard, Sim-DICOM, Blackboard(Green)		
Suspend	Yes(5miniutes no singnal as default)		
Cooling time	0s, normal, 30s		
D-Zoom	1~33		
360 degree projection	Yes		
Mechanical Spec.			
Max Dimensions (WxHxDmm)	405(W) x 358(D) x 137(H) mm		
Net. Weight(KG)	~7.9 kg		
Standard Accessories			
Standard	Power cord, VGA cable, Remote control, Service card, QSG(for Projector)		

*specification subject to change without notice.

DIMENSIONS



MULTIPLE INTERFACE



PROJECTION DISTANCE

Model	Projection Screen Size			16:10aspect ration		
	Screen Size (inch)	Width (H/m)	Height (B1+B2/m)	Wide (m)	Tele (m)	
EL820U EL1000U	60	1.292	0.808	1.546	2.550	
	70	1.508	0.942	1.831	2.981	
	80	1.723	1.077	2.098	3.411	
	100	2.154	1.346	2.631	4.273	
	150	3.231	2.019	3.964	6.426	
	200	4.308	2.692	5.297	8.579	
	300	6.462	4.039	7.964	12.885	

*All measurements are approximate and may vary from the actual sizes.



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