



EK-50LU

WUXGA Middle Venue 3LCD Laser Projector



Totally NEW and Innovative LCD Laser Projector

Model	EK-50LU	
Display Type	0.64" 3LCD	
Resolution	WUXGA (1920 x 1200)	
Aspect Ratio	16:10(Standard)/4:3(Compatible)	
Brightness	5,000 lm*	
Contrast Ratio	5,000,000:1	
Projection Light Source	Laser diode	
Light Source Life (Eco / Normal)	30,000 / 20,000 hrs	
Image Diagonal	55" - 130"	
Lens (F Value / Focal length)	F:1.6 / f=1.6~6.39mm	
Zoom Ratio	N/A	
Throw Distance	5.14 – 12.65 m	
Throw Ratio	0.44: 1	
Lens Shift	N/A	
Keystone Correction	V: +/-15 degrees, H: +/-15 degrees Corner Correction Pincushion/Barrel Correction	
Scanning Frequency	H Sync: 15 -100 kHz, V sync: 24 - 85 Hz	
Dot Clock	300 MHz	
Input Signals - Computer	4K(3840 x 2160@30Hz, HDMI only) WUXGA(1920 x 1200) ~ VGA(640 x 480)	
Input Signals - Video	1080 i/p, 720 p, 576 i/p, 480 i/p	
Terminal	HDMI In	HDMI x 2
	VGA In	Dsub15 x 1
	HDBaseT In	N/A
	Video In	RCA x 1
	USB	USB Type A x 1 (Memory Viewer)
	USB	USB Type B x 1 (Firmware)
	VGA Out	Dsub15 x 1
	Audio In	3.5mm MiniStereo x 1, RCA x 2
	Audio Out	3.5mm MiniStereo x 1
Fan Noise (Eco / Normal)	28 / 37 dB	
Dimensions (W x H x D)	390 x 144 x 319mm	
Weight	5.5kg	
Power Requirements	AC 100 - 240 V, 50/60 Hz	
Power Consumption (Normal / Eco)	290W / 170W	
Thermal Dissipation	990 BTU	
Standard Accessories	AC Power Cord x 1 VGA cable(1.5m) x 1, Remote Control (with 2 x AAA Batteries) Quick Start Guide, Safety Guide	

*Center Lumens
*Specifications is subject to change without notice

5,000 Lumens*
WUXGA
(1920 x 1200)

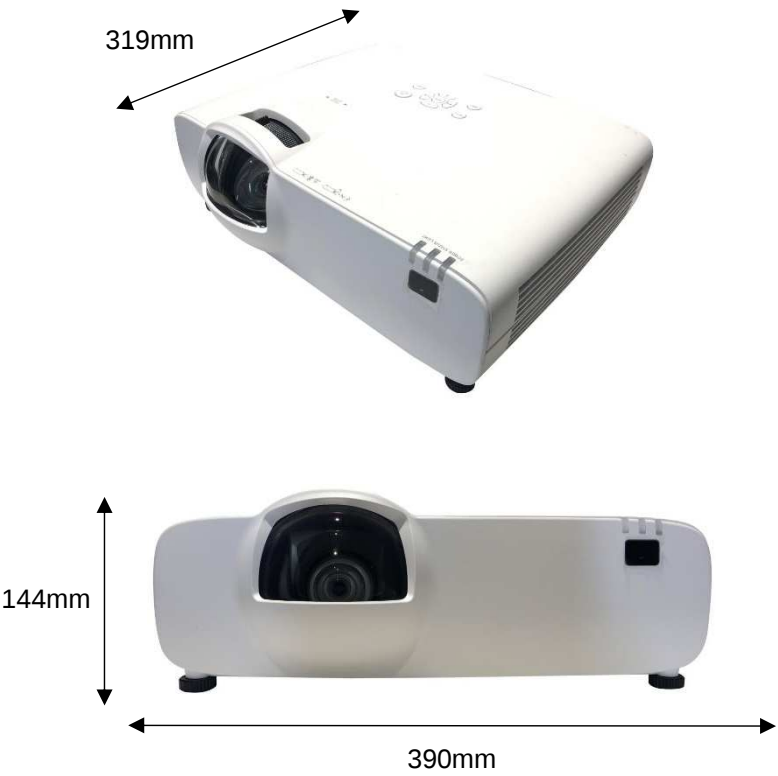
Key Features

- Designed For Tough Environment
- Long Life Time Laser Light Source
- Side Change Filter
- Quickly Power Off
- Advanced Anti-Theft Feature
- Auto Function
Auto Search
Auto Sync
Auto Ceiling
Auto Keystone
- Five Picture Modes
Dynamic
Standard
Cinema
Blackboard
Color board
- Built-In 16W Speaker
- Image Freeze Function
- Digital Zoom Adjustment

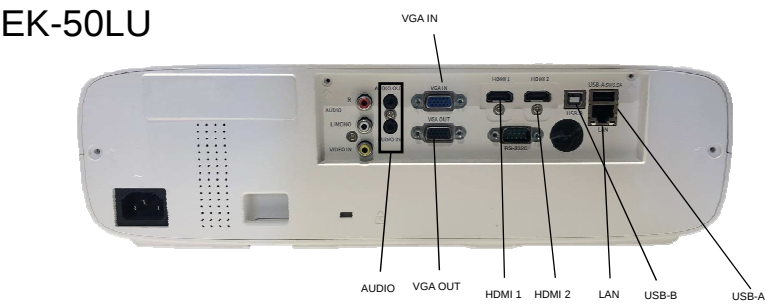
EK-50LU

WUXGA Middle Venue
3LCD laser Projector

■ Dimensions



■ Terminals



■ Throw Distance

<16:10> Unit:mm

Screen size	55"		70"		90"		100"		130"	
	Height	Width	Height	Width	Height	Width	Height	Width	Height	Width
	740	1185	942	1508	1212	1939	1346	2154	1750	2800
Throw Distance	514		668		869		969		1265	

<16:9> Unit:mm

Screen size	55"		70"		90"		100"		130"	
	Height	Width	Height	Width	Height	Width	Height	Width	Height	Width
	685	1218	872	1550	1121	1992	1245	2214	1619	2878
Throw Distance	528		687		893		996		1300	