

5,000 Lumens · 5,000,000:1 Contrast Ratio · WUXGA  
3LCD · Laser Light Source · 4K Scaler

# EK-500LUA

*Meeting Room Series Projector*



## Key Features

- 5,000 center lumens bright with 80% uniformity and a 5,000,000:1 contrast ratio.
- High brightness and contrast with long life 20,000 hour Laser Light Source.
- 10-bit color processing, for superior color reproduction.
- Native WUXGA resolution. Compatible with inputs up-to UXGA, WUXGA and 4K.
- Supports analog and digital video input in all color standards up-to 1080p.
- Supports 4K video input via HDMI.
- Convenient mid-range (1.6:1) manual zoom and focus lens.
- Horizontal, Vertical & Corner Keystone Correction.
- Pincushion/Barrel & 6 point Geometric Correction.
- Vertical Manual Lens Shift. Wired network control.
- Compatible with Crestron RoomView™ & AMX Device Discovery Technology.
- Built-in 16 Watt amplifier and speaker system. Closed Caption decoding.

**EIKI**



CRESTRON  
**RoomView**  
connected

# EK-500LUA

WUXGA 3LCD Laser Projector



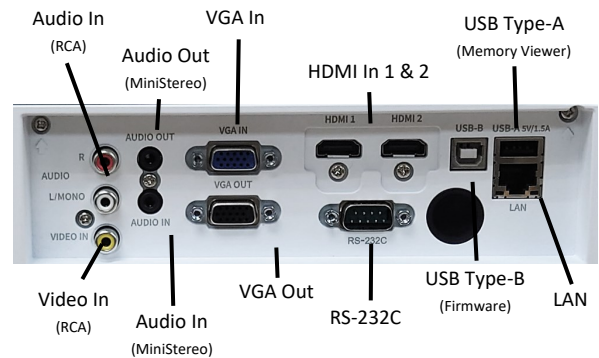
## Specifications

Model	EK-500LUA	
Display Type	0.64" 3LCD	
Resolution	WUXGA (1920 x 1200)	
Aspect Ratio	16:10	
Brightness (Center Lumens)	5,000 lumens	
Contrast Ratio	5,000,000:1	
Projection Light Source	Laser	
Light Source Life	20,000 hours	
Image Diagonal	30-300"	
Lens (F Value / Focal Length)	f: 1.58-2.02; FL: 0.60-0.97 in (15.3-24.6 mm)	
Zoom Ratio	Manual x 1.6	
Throw Distance	2.23-37.64 ft (0.68-11.47 m)	
Throw:Width Ratio	1.08-1.76:1	
Lens Shift	V: + 60% (Manual)	
Keystone Correction	V: +/- 30° H: +/- 30°, Corner Keystone	
Projection Elevation Adjustment	up-to 10°	
Scanning Frequency	H Sync. 15-100 KHz, V Sync. 24-85 Hz	
Dot Clock	up-to 300 MHz	
Input Signals - Computer	4K (3840 x 2160) - 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
	Video In	RCA x 1
	USB	USB Type A x 1 (Memory Viewer)
	USB	USB Type B x 2 (Firmware)
	VGA Out	Dsub15 x 1
	Audio In	3.5mm MiniStereo x 1, RCA x 2
	Audio Out	3.5mm MiniStereo x 1
Built-in Speaker	Mono 16 Watt	
Fan Noise (Eco / Normal)	28 dB / 37 dB	
Dimensions (H x W x D)	5.0 x 15.4 x 11.6 in (12.8 x 39.0 x 29.4 cm)	
Weight	11.0 lb (5.0 kg)	
Power Requirements	100-240V AC, 50/60 Hz	
Power Consumption	0.5 W in Eco Standby mode, up-to 280 W	
Thermal Dissipation	955 BTU	
Standard Accessories	Detachable AC Power Cord, VGA Cable, Quick Start Guide,	

## Dimensions



## Terminals



## Lens Specs

1.6X Manual Zoom and Focus Lens  
 f: 1.58-2.02; FL: 0.60-0.97 in (15.3-24.6 mm)  
 Throw to Width: 1.08-1.76:1

## Distance Chart

Throw Distance (feet)		Screen Width (feet)				
		4	6	8	10	12
Wide	Wide	4.3	6.5	8.7	10.9	13.0
	Tele	7.0	10.6	14.1	17.6	21.2

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