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

AMX DEVICE DISCOVERY

CRESTRON RoomView connected

EK-500LUA

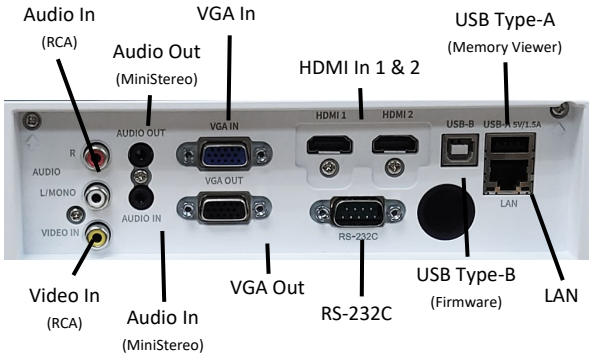
WUXGA 3LCD Laser Projector

· 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

		Screen Width (feet)				
		4	6	8	10	12
Throw Distance (feet)	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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