

7,000 Lumens · 5,000,000:1 Contrast Ratio · WUXGA
3LCD · Laser Light Source · 4K Scaler

EK-700LU

Conference Series Projector



Key Features

- 7,000 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 + Phosphor 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.
- Horizontal & 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.



EK-700LU

WUXGA 3LCD Laser Projector



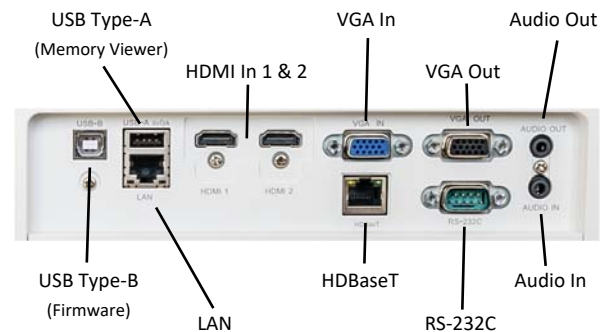
• Specifications

Model	EK-700LU	
Display Type	0.64" 3LCD	
Resolution	WUXGA (1920 x 1200)	
Aspect Ratio	16:10	
Brightness (Center Lumens)	7,000 lumens	
Contrast Ratio	5,000,000:1	
Projection Light Source	Laser (Blue) + Phosphor	
Light Source Life	20,000 hours	
Image Diagonal	30-300"	
Lens (F Value / Focal Length)	f: 1.5-2.08; FL: 0.677-1.09 in (17.2-27.7 mm)	
Zoom Ratio	Manual x 1.6	
Throw Distance	2.5-42 ft (0.77-12.8 m)	
Throw:Width Ratio	1.22-1.98:1	
Lens Shift	V: + 60% H: +/- 29% (Manual)	
Keystone Correction	V: +/- 30° H: +/- 30°, Corner Keystone	
Projection Elevation Adjustment	up-to 3.5°	
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
	HDBaseT In	RJ45 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
	Audio Out	3.5mm MiniStereo x 1
Built-in Speaker	Mono 16 Watt	
Fan Noise (Eco / Normal)	27.5 dB / 37.5 dB	
Dimensions (H x W x D)	5.3 x 15.9 x 14.7 in (13.5 x 40.5 x 37.3 cm)	
Weight	17.0 lb (7.7 kg)	
Power Requirements	100-240V AC, 50/60 Hz	
Power Consumption	0.5 W in Eco Standby mode, up-to 350 W	
Thermal Dissipation	1,194 BTU	
Standard Accessories	Detachable AC Power Cord, VGA Cable, Quick Start Guide, Remote Control (with 2x AAA Batteries)	

• Dimensions



• Terminals



• Lens Specs

1.6X Manual Zoom and Focus Lens
 f: 1.5-2.08; FL: 0.677-1.09 in (17.2-27.7 mm)
 Throw to Width: 1.22-1.98:1

Distance Chart

		Screen Width (feet)				
		4	6	10	12	16
Throw Distance (feet)	Wide	4.9	7.3	12.2	14.7	19.6
	Tele	7.9	11.9	19.8	23.8	31.7

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