

EIKI

EK-450U

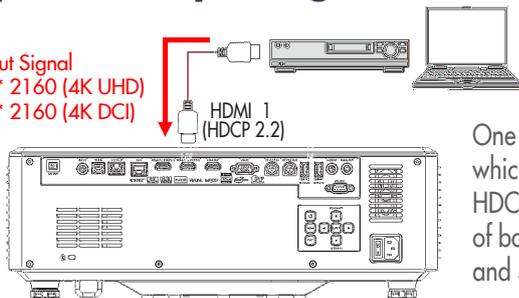
WUXGA Middle Class 1 chip DLP Laser Projector



Totally New Laser Projector Supporting 4K Input signal

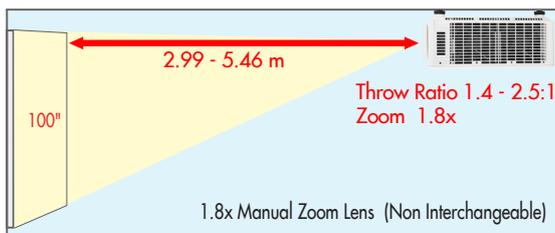
Support 4K Input Signal via HDMI Ver. 2.0

4K Input Signal
3840 * 2160 (4K UHD)
4096 * 2160 (4K DCI)



One HDMI input terminal which supports HDMI Ver 2.0 and HDCP 2.2 supports 4K input signal of both 3840 * 2160 (4K UHD) and 4096 * 2160 (4K DCI) .

Flexible Installation



Quiet and IP5X High Dust-Proof Design

With IP5X level of dust-proof protection and filter-less design, it can provide the maintenance-free maintaining high reliability. Also, by quiet design, it achieves 26dB in Eco mode and 28dB in Constant Power mode which is quieter than wisper voice. This makes it suitable for quiet place such as classrooms, museums, houses of worship and so on.



Recommended Application & Place of Installations



- Conference Rooms / Boardrooms
- Classrooms / Lectur Rooms
- Museums / Galleries
- Simulation / Training
- Sports Bar
- Halls / Theatres
- Houses of Worship

6,600 Lumens*

WUXGA (1920 x 1200)

EK-450U is the first laser projector which supports 4K input signal in EIKI's Middle Class Projector Product Line.

By adopting the laser light source and filter-less design which can meet IP5X dust proof, it enables 20,000 hours of maintenance-free operation. Moreover, 1.8x Optical zoom lens, Keystone correction, Vertical, and Horizontal Motorized lens shift, 360-degree both Vertical and Horizontal installation capabilities enable you to install at various places such as hall, conference room, house of worship, lecture room, museum and so on.

Key Features

- Support 4 K Image with HDMI
- 20,000 hours Light Source Life
- Flexible installation
 - 1.8x Manual Zoom Lens
 - 360-degree free orientation (vertically and horizontally) projection capabilities
 - Portrait Projection
 - Lens Shift (Motorized)
V: +/- 55%, H: +/- 25%
 - Keystone Correction
V: +/- 30°, H: +/- 30°, 4-Corner
- Quiet Operation
- Digital Input
HDBaseT x 1, HDMI x 2
- Sealed Optical Engine design
IP5X Dust Proof without filters
- Support Picture in Picture and Picture by Picture function
- Support 3D function



* Center Lumens

EK-450U

WUXGA Middle Class 1Chip DLP Laser Projector

Specifications

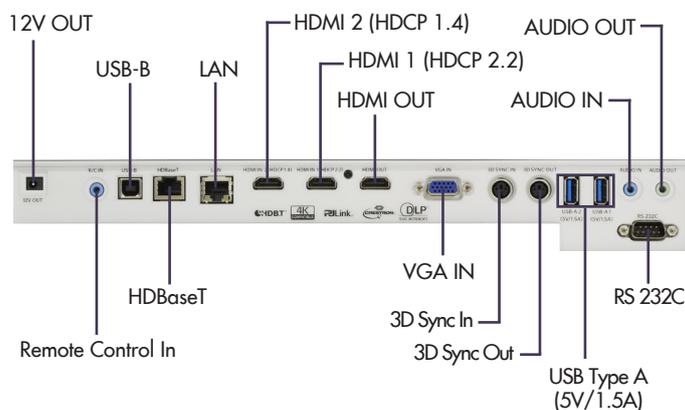
Model (EAN)	EK-450U (457119467 950 2)	
Display Type	0.67" 1chip DMD	
Resolution	WUXGA (1920 x 1200)	
Aspect Ratio	16:10	
Brightness	6,600 lm*	
Contrast Ratio	30,000:1	
Projection Light Source	Laser (Blue) + Phosphor	
Light Source Life	20,000 hours	
Image Diagonal	40" - 300"	
Lens (F Value / Focal length)	F = 2.0 - 2.95, f = 20.68 - 37.23 mm	
Zoom / Focus Adjustment	Manual	
Zoom Ratio	1.8 x Optical Zoom	
Throw Distance	1.2 - 9.32 m	
Throw Ratio	1.4 - 2.5 : 1	
Lens Shift	V: +/-55%, H: +/-25% (Motorized)	
Keystone Correction	V: +/-30 degrees, H: +/-30 degrees 4-Corner	
Projection Elevation Adjustment	Up to 2.5 degrees	
Scanning Frequency	H Sync: 15, 38 - 91.15 kHz V Sync: 24 - 85 Hz	
Dot Clock	154 MHz	
Input Signals - Computer	WUXGA (1920 x 1200) - VGA (640 x 480)	
Input Signals - Video	1080 i/p, 720p, 576i/p, 480i/p	
Terminal	HDBaseT In	RJ45 x 1
	HDMI In	HDMI x 1 (Ver 2.0), HDMI x 1 (Ver 1.4a)
	VGA In	D-Sub 15 x 1
	Monitor Out (HDMI Out)	HDMI (Ver 1.4a) x 1
	Audio In	3.5mm Mini Jack x 1
	Audio Out	3.5mm Mini Jack x 1
	USB	USB Type A x 2 (Multimedia USB Stick/Service) USB Type B x 1 (Service)
	LAN	RJ45 x 1
	RS-232C	D-sub 9 x 1
	3D Sync In	MINI DIN 3 pin x 1
	3D Sync Out	MINI DIN 3 pin x 1
	Remote Control In	3.5mm Mini Jack x 1
12V Trigger Out	3.5mm Mini Jack x 1	
Built-in Speaker	10W x 2	
Fan Noise (Eco/Constant Power)	26 dB / 28 dB	
Dimensions (W x H x D)	486 x 139 x 376 mm (w/o elevator feet)	
Weight	12.7 kg	
Power Requirements	AC 90 - 264 V, 50/60 Hz	
Power Consumption (Eco / Constant Power)	260 W / 460 W	
Thermal Dissipation	1695 BTU	
Standard Accessories	AC Power Cord x 2 (U.S.A. & Euro), VGA cable x 1, Remote Control (with AAA batteries x 2), Quick Start Guide, Safety Guide	

* Center Lumens

Dimensions



Terminals



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