

7,000 / 7,500 ANSI Lumens • WUXGA / WXGA • 3LCD

EK-510U / EK-511W

"Conference" Series Projector



Excellent choice for Classrooms and Conference Rooms!

Key Features:

- ▽ **EK-510U:** 7,000 ANSI lumens bright with 90% uniformity and a 2500:1 contrast ratio.
- ▽ **EK-511W:** 7,500 ANSI lumens bright with 90% uniformity and a 2500:1 contrast ratio.
- ▽ **EK-510U:** Native WUXGA resolution. Compatible with inputs up-to UXGA and WUXGA.
- ▽ **EK-511W:** Native WXGA resolution. Compatible with inputs up-to UXGA and WUXGA.
- ▽ Supports analog and digital video input in all color standards up-to 1080p.
- ▽ Durable inorganic 3-panel LCD imaging engine with a high contrast ratio.
- ▽ 10-bit color processing, for superior color reproduction.
- ▽ Power zoom and focus lens. Optional wide-angle and telephoto lenses.
- ▽ Vert. and Horiz. power lens shift and Corner Keystone Correction.
- ▽ Analog and digital computer and video inputs, including HDBaseT.
- ▽ HDMI with MHL (Mobile High-Definition Link) displays HD Video from Smartphones & Tablets.
- ▽ Built-in 10 Watt amplifier and speaker system. Closed Caption decoding.
- ▽ Wired LAN connection for monitoring and control.
- ▽ Centered lens with 1-button release. Side-accessed lamp, side-accessed filter.
- ▽ Edge Blending Feature.
- ▽ Wireless/wired remote control with laser pointer.
- ▽ 3 year projector warranty.



Touchboards

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EIKI®

Projectors... and more!

EK-510U / EK-511W Specifications:

Brightness	
EK-510U:	7,000 ANSI Lumens
EK-511W:	7,500 ANSI Lumens
Contrast Ratio	2500:1
Illumination Uniformity	80%
Resolution and Aspect Ratio	
EK-510U:	WUXGA (1920x1200), 16:10
EK-511W:	WXGA (1280x800), 16:10
Color Reproduction	10-bit (1.07 billion colors)
Projection Lamp	430 Watts UHP
Estimated Lamp Life: Normal / Eco	3,000 / 4,000 hours
Total Pixels	
EK-510U:	6,912,000 (1920x1200) x 3
EK-511W:	3,072,000 (1280x800) x 3
Imaging System	0.76 in (19 mm) Inorganic LCD Panels x 3
Scanning Frequency	Auto: H Sync. 15 ~ 100 kHz, V Sync. 48 ~ 85 Hz
Pixel Clock	160 MHz
Lens	Changeable - Power Zoom and Focus
Lens Specs	Speed: f: 1.8 ~ 2.58; FL: 0.94 ~ 1.69 in (23.98 ~ 43.18 mm)
Lens Ratios	Zoom Max:Min: 1.8:1; Throw:Width 1.4-2.6:1
Image Diagonal	40 ~ 300 in (102 ~ 762 cm)
Image Width	2.95 ~ 21.3 ft (0.9 ~ 6.5 m)
Throw Distance	3.9 ~ 55.9 ft (1.2 ~ 17.0 m)
Projector Elevation Adjustment (legs)	up-to 4° Up or Down
Maximum Pitch	Up-to 360°
Vertical Lens Shift	
EK-510U:	up-to 60% Up or Down
EK-511W:	up-to 70% Up or Down
Horizontal Lens Shift (% of image height)	up-to 30% Left or Right
Vertical Keystone Correction	Digital: up-to 30° Up or Down
Horizontal Keystone Correction	Digital: up-to 15° Left or Right
Image Orientation	Normal, Reversed, Inverted
Local Control / Power Management	Full Function / Auto Shutdown
Remote Control	Wireless/Wired (with laser pointer) x 1
Wired Remote Control	IN: MiniStereo x 1, OUT: MiniStereo x 1
RS-232 Control	Dsub9 x 1
LAN Port - Display / Control	RJ45 x 1 (via HDBaseT transmitter)
Computer Input in Pixels	up-to 1600 x 1200 (4:3), 1920 x 1200 (16:10)
Analog 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC
Analog Wide Inputs	WUXGA, WSXGA+, WXGA
Digital 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC
Digital Wide Inputs	WUXGA, WSXGA+, WXGA
Video Formats	NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N
Video Input Analog	480i/p, 575i/p, 720p, 1035i, 1080i/p

Video Input Digital	480p, 575p, 720p, 1035i, 1080i/p
Image Signal Resizing	Smart Scaling Technology
Image Signal Inputs	
1a: Analog Computer	Dsub15 x 1
HDBaseT	RJ45 x 1
1b: Digital Computer / Digital Video w/ HDCP & MHL	HDMI x 2
2: RGBHV / YCbCr	BNC x 5
Component Video, 3BNC	
3a: Composite Video	BNC x 1
3b: S-Video	S-Video x 1
USB Display / Service	Micro USB x 1
Memory Viewer	USB Type A x 1
Audio Signal Inputs	
For Inputs 1 & 2	Dsub15 x 1
For Video & S-Video	Dsub15 x 1
Outputs	
Computer Monitor	Dsub15 x 1
Audio Output	Variable, Stereo: MiniStereo x 1
Amplifier	Mono: 10 Watt
Speaker	1.46 in (3.7 cm) x 1 (Mono)
Fan Noise (Eco / Normal)	34 dB / 40 dBA
Cabinet Size (HxWxD)	7.0 x 18.6 x 16.2 in (17.7 x 47.2 x 41.1 cm)
Weight with lens	22.7 lb (10.3 kg)
Weight without lens	21.3 lb (9.7 kg)
Packaged Size (HxWxD)	11.6 x 24.4 x 23.0 in (29.4 x 62.0 x 58.5 cm)
Packaged Weight with lens	29.7 lb (13.5 kg)
Packaged Weight without lens	27.9 lb (12.7 kg)
Operating Temperature	41 ~ 95°F (5 ~ 35°C)
Electrical Safety Compliance	IEC / UL / cUL
Electromagnetic Compatibility	FCC Class B, CE Mark
Power Requirements	100 ~ 240V AC, 50/60 Hz
Power Consumption	0.5 W in Eco Standby mode, up-to 580W
Heat	up-to 2,013 BTU/hr
Security Facilities	Kensington® Security Slot
UPC	
EK-510U:	4571194678727
EK-510UL:	4571194678819
EK-511W:	4571194678758
EK-511WL:	4571194678840
User Maintenance	Clean Filter, Replace Lamp
Limited Warranty: to the original end-use customer only	
Projector	3 years / 6000 hours (which ever occurs first)
Lamp	6 month ownership / 500 hours use (which ever occurs first)

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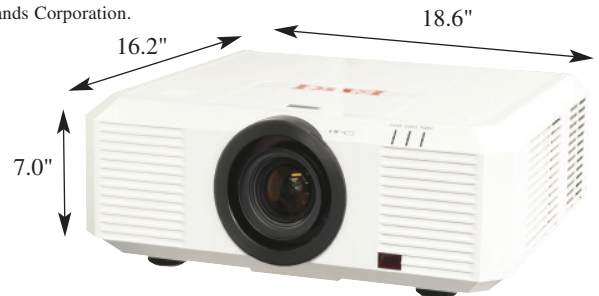
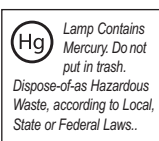
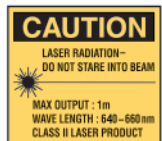
High Contrast Durable Inorganic LCD Panels.
Cost-Effective Large Venue Performance.
Crestron RoomView™ & AMX Device Discovery Technology.



Includes a full complement of connections, including network control.



Range of wide angle and telephoto lenses.



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INCLUDED ACCESSORIES:

Quick Start Guide, VGA Computer Input Cable (Dsub15 to Dsub15), 10 ft (3 m) Detachable Power Cord, Wireless/Wired Remote Control (with 2 AA Batteries)

OPTIONAL ACCESSORIES:

Replacement Lamp, Wideangle, Midrange and Telephoto Lenses, ATA-Style Shipping Case with Wheel and Telescoping Handle, Wired Remote Cable (MiniStereo-MiniStereo), Ceiling Mount, Ceiling Post and Plate.

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