



Projectors... and More!

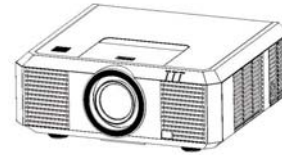
**EK-512X (EK-512XL no lens)**

8,000 ANSI lumens bright with 80% uniformity and a 2500:1 contrast ratio. Native XGA 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. Vertical and Horizontal power lens shift and Corner Keystone Correction. Includes a full set of analog and digital computer and video inputs. 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.

**EK-512X**

8,000 ANSI Lumens / XGA / 3LCD  
"Conference" Series Projector

High Contrast Durable Inorganic LCD Panels  
Cost-Effective Large Venue Performance  
Crestron RoomView™ Technology



**Included Accessories:**

Quick Start Guide, Owner's Manual on CD-ROM, 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.

**Specifications: Model EK-512X**

<b>Brightness</b>	8,000 ANSI Lumens	<b>Image Signal Resizing</b>	Smart Scaling Technology
<b>Contrast Ratio</b>	2500:1	<b>Image Signal Inputs</b>	
<b>Illumination Uniformity</b>	80%	<b>1a: Analog Computer</b>	Dsub15 x 1
<b>Resolution and Aspect Ratio</b>	XGA (1024x768), 4:3	<b>1b: Digital Computer / Digital Video w/ HDCP &amp; MHL</b>	HDMI x 2
<b>Color Reproduction</b>	10-bit (1.07 billion colors)	<b>2:RGBHV / YCbCr</b>	BNC x 5
<b>Projection Lamp</b>	430 Watts NSHA	<b>Component Video, 3BNC</b>	
<b>Estimated Lamp Life: Normal / Eco</b>	3,000 / 4,000 hours	<b>3a:Composite Video</b>	BNC x 1
<b>Total Pixels</b>	2,359,296 (1024x768) x 3	<b>3b: S-Video</b>	S-Video x 1
<b>Imaging System</b>	0.79 in (20 mm) Inorganic LCD Panels x 3	<b>USB Display / Service</b>	Micro USB x 1
<b>Scanning Frequency</b>	Auto: H Sync. 15-100 kHz, V Sync. 48-85 Hz	<b>Memory Viewer</b>	USB Type A x 1
<b>Pixel Clock</b>	160 MHz	<b>Audio Signal Inputs</b>	
<b>Lens</b>	Changeable - Power Zoom and Focus	<b>For Inputs 1 &amp; 2</b>	Stereo: MiniStereo x 2
<b>Lens Specs</b>	Speed: f: 1.8-2.58; FL: 0.94-1.69 in (23.98-43.18 mm)	<b>For Video &amp; S-Video</b>	RCA x 4
<b>Lens Ratios</b>	Zoom Max:Min: 1.8:1; Throw:Width 1.5-2.7:1	<b>Outputs</b>	
<b>Image Diagonal</b>	40-300 in (102-762 cm)	<b>Computer Monitor</b>	Dsub15 x 1
<b>Image Width</b>	2.67-20.0 ft (0.81-6.1 m)	<b>Audio Output</b>	Variable, Stereo: MiniStereo x 1
<b>Throw Distance</b>	3.8-53.8 ft (1.16-16.4m)	<b>Amplifier</b>	Mono: 10 Watt
<b>Projector Elevation Adjustment (legs)</b>	up-to 5° Up or Down	<b>Speaker</b>	1.46 in (3.7 cm) x 1 (Mono)
<b>Maximum Pitch</b>	up-to 360°	<b>Fan Noise (Eco / Normal)</b>	34 dB / 40 dB
<b>Vertical Lens Shift (% of image height)</b>	up-to 60% Up or Down	<b>Cabinet Size (HxWxD)</b>	7.0 x 18.6 x 16.2 in (17.7 x 47.2 x 41.1 cm)
<b>Horizontal Lens Shift (% of image height)</b>	up-to 30% Left or Right	<b>Weight with lens</b>	22.7 lb (10.3 kg)
<b>Vertical Keystone Correction</b>	Digital: up-to 30° Up or Down	<b>Weight without lens</b>	21.3 lb (9.7 kg)
<b>Horizontal Keystone Correction</b>	Digital: up-to 15° Left or Right	<b>Packaged Size (HxWxD)</b>	11.6 x 24.4 x 23.0 in (29.4 x 62.0 x 58.5 cm)
<b>Image Orientation</b>	Normal, Reversed, Inverted	<b>Packaged Weight with lens</b>	29.7 lb (13.5 kg)
<b>Local Control / Power Management</b>	Full Function / Auto Shutdown	<b>Packaged Weight without lens</b>	27.9 lb (12.7 kg)
<b>Remote Control</b>	Wireless/Wired (with laser pointer) x 1	<b>Operating Temperature</b>	41-95°F (5-35°C)
<b>Wired Remote Control</b>	IN: MiniStereo x 1, OUT: MiniStereo x 1	<b>Electrical Safety Compliance</b>	IEC / UL / cUL
<b>RS-232 Control</b>	Dsub9 x 1	<b>Electromagnetic Compatibility</b>	FCC Class B, CE Mark
<b>LAN Port - Display / Control</b>	RJ45 x 1	<b>Power Requirements</b>	100-240V AC, 50/60 Hz
<b>Computer Input in Pixels</b>	up-to 1600x1200 (4:3), 1920x1200 (16:10)	<b>Power Consumption</b>	0.5 W in Eco Standby mode, up-to 580 W
<b>Analog 4x3 Inputs</b>	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	<b>Heat</b>	up-to 2,013 BTU/hr
<b>Analog Wide Inputs</b>	WUXGA, WSXGA+, WXGA	<b>Security Facilities</b>	Kensington® Security Slot
<b>Digital 4x3 Inputs</b>	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	<b>UPC - EK-512X</b>	4571194678789
<b>Digital Wide Inputs</b>	WUXGA, WSXGA+, WXGA	<b>UPC - EK-512XL</b>	4571194678871
<b>Video Formats</b>	NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N	<b>User Maintenance</b>	Clean air filter, Replace Lamp
<b>Video Input Analog</b>	480i/p, 575i/p, 720p, 1035i, 1080i/p	<b>Limited Warranty: to the original end use customer only</b>	
<b>Video Input Digital</b>	480p, 575p, 720p, 1035i, 1080i/p	<b>Projector</b>	*3 years / 6000 hours
		<b>Lamp</b>	*6 month ownership / 500 hours use (whichever occurs first)

Caution! Laser Radiation - Do not stare into beam. Max. Output: 1m Wave Length: 640 ~ 660 nm. Class II Laser Product  
Lamp contains Mercury. Do not put in trash. Dispose of as Hazardous Waste, according to Local, State or Federal Laws.  
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