

6,500 ANSI Lumens • XGA • 3LCD

# EK-502X

"Conference" Series Projector



Excellent choice for Meeting and Conference Rooms!

## Key Features:

- ▽ 6,500 ANSI lumens bright with 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.
- ▽ Variable power management option. Optional local or remote keylock.
- ▽ Wireless/wired remote control with laser pointer.
- ▽ 3 year projector warranty.



**EKI**  
Projectors... and more!

**Touchboards**

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# EK-502X SPECIFICATIONS:

Brightness	6,500 ANSI Lumens
Contrast Ratio	2500:1
Resolution and Aspect Ratio	XGA (1024 x 768), 4:3
Color Reproduction	10-bit (1.07 billion colors)
Projection Lamp	350 Watts NSHA
Estimated Lamp Life: Normal / Eco	4,000 / 3000 hours
Total Pixels	2,359,296 (1024x768) x 3
Imaging System	0.79 in (20 mm) Inorganic LCD Panels x 31
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 1.47 ~ 2.66:1
Image Diagonal	40 ~ 300 in (102 ~ 762 cm)
ImageWidth	2.67 ~ 26.7 ft (0.81 ~ 8.1 m)
Throw Distance	3.8 ~ 53.8 ft (1.16 ~ 16.4m)
Projector Elevation Adjustment (legs)	up-to 5° Up or Down
Maximum Pitch	up-to 360°
Vertical Lens Shift (% of image height)	up-to 60% Up or Down
Horizontal Lens Shift (% of image width)	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	RJ45 x 1
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
Digital Computer / Digital Video w/ HDCP	DVI-D x 1
1b: Digital Computer / Digital Video w/ HDCP	HDMI x 1
2:RGBHV / YCbCr	BNC x 5
Component Video, 3BNC	
3a: Composite Video	BNC x 1
3b: S-Video	S-Video x 1
Audio Signal Inputs	
For Inputs 1 & 2	Stereo: MiniStereo x 3
For Video & S-Video	RCA x 4
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	32 dB / 36 dB
Cabinet Size (HxWxD)	7.0 x 18.9 x 16.4 in (17.7 x 48.0 x 41.6 cm)
Weight with lens	23.1 lb (10.5 kg)
Weight without lens	21.3 lb (9.7 kg)
Packaged Cabinet Size (HxWxD)	27.3 x 24.4 x 23.0 in (69.5 x 62.0 x 58.5 cm)
Packaged Weight	12.8 lb (5.8 kg)
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 480 W
Heat	up-to 1,638 BTU/hr
Security Facilities	Kensington® Security Slot
UPC - EK-502X	4571194677713
UPC - EK-502XL (without lens)	4571194678000
User Maintenance	Replace 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)

EIKI® is a registered trademark of Eiki International, Inc. Kensington® is a registered trademark of ACCO Brands Corporation. Crestron Roomview is a registered trademark of Crestron Electronics, Inc.

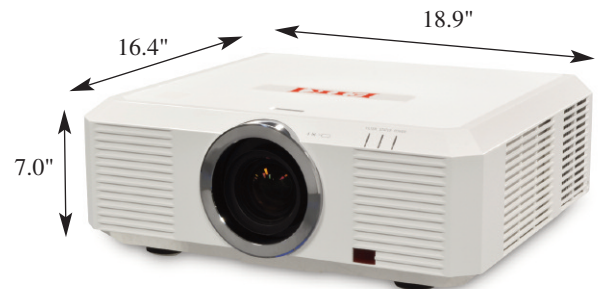
**High Contrast Durable Inorganic LCD Panels.**  
**Cost-Effective Large Venue Performance.**  
**Crestron RoomView™ & AMX Device Discovery Technology.**



Includes a full complement of connections, including network control.



Range of wide angle and telephoto lenses.



EK-502X • XGA • LCD projector.

**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.

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