

5,600 ANSI Lumens • XGA • 3LCD

# EK-302X

## "Meeting Room" Series Projector



Excellent choice for Classrooms and Conference Rooms!

### Key Features:

- ▽ 5,600 ANSI lumens bright with 80% uniformity and a 8,000:1 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.
- ▽ Convenient mid-range (1.6:1) manual zoom and focus lens.
- ▽ Fixed image offset. Horiz., Vert. & Corner Keystone Correction.
- ▽ Accepts composite, component, and S-Video in all major standards.
- ▽ Displays both 4:3 and 16:9 aspect ratios. Supports most HDTV resolutions.
- ▽ HDMI with MHL (Mobile High-Definition Link) displays HD Video from Smartphones & Tablets.
- ▽ Built-in 10 Watt sound system. Closed Caption decoding (NTSC).
- ▽ Wired network control. Digital zoom: 1/4~ x16.
- ▽ Side-accessed air filter & top accessed lamp for ease of maintenance.
- ▽ Pin Cushion / Barrel image correction
- ▽ Auto input selection. Built-in Test Patterns.
- ▽ Security bar. Kensington® MicroSaver® security slot. PIN lock.
- ▽ 3 year projector warranty.



**EIKI**  
Projectors... and more!


# EK-302X Specifications:

Brightness	5,600 ANSI Lumens
Contrast Ratio	8000:1
Illumination Uniformity	80%
Resolution and Aspect Ratio	XGA (1024x768), 4:3
Color Reproduction	10-bit (16.7 million colors)
Projection Lamp	280 Watts UHP
Estimated Lamp Life: Normal / Eco	4,000 / 3,000 hours
Total Pixels	2,359,296 (1024x768) x 3
Imaging System	0.63 in (16 mm) inorganic LCD Panels x 3
Scanning Frequency	Auto: H Sync. 15 ~ 100 kHz, V Sync. 48 ~ 85 Hz
Pixel Clock	up-to 150 MHz
Lens	Attached - Manual Zoom and Focus
Lens Specs	f : 1.65 ~ 2.65; FL: 0.716 ~ 1.156 in (18.2 ~ 29.38 mm)
Lens Ratios	Zoom Max:Min: 1.6:1; Throw:Width 1.4 ~ 2.3:1
Image Diagonal	40 ~ 300 in (101.6 ~ 762 cm)
Image Width	2.6 ~ 20 ft (0.79 ~ 6.1 m)
Throw Distance	2.9 ~ 35.5 ft (0.88 ~ 10.83 m)
Projector Elevation Adjustment (legs)	up-to 10°
Maximum Pitch	Up-to 30° Up or Down
Vert/Horiz. Keystone Correction	Digital:V: +/- 30° (Auto) ~ H: +/- 15° (Auto), Corner Keystone
Lens Shift	Vertical: 40% (Manual) Horiz.: 10% (Manual)
Image Orientation	Normal, Reversed, Inverted
Local Control / Power Management	Full Function / Auto Shutdown
Remote Control	Wireless 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
Video Input Analog	480i/p, 575i/p

Video Input Digital	480p, 575p, 720p, 1080i/p
Image Signal Resizing	Smart Scaling Technology
Image Signal Inputs	
Computer 1 (Component / S-Video)	Dsub15 x 1
Computer 2 (switchable Monitor Out)	Dsub15 x 1
Digital Video (w/ HDCP & MHL)	HDMI x 2
USB Type A - Memory Viewer	USB Type A x 1
USB Type B - USB Display / Firmware	USB Type B x 1
Composite Video	RCA x 1
Audio Signal Inputs	
Computer Audio	MiniStereo x 1
Video Audio	RCA x 2 (L/R)
Outputs	
Computer Monitor (Computer 2)	Dsub15 x 1
Audio Output	Variable, Stereo: MiniStereo x 1
Amplifier	Mono: 10 Watt
Speaker	1.4 in (3.7 cm) x 1 (Mono)
Fan Noise (Eco / Normal)	35.5 dB / 40.0 dB
Cabinet Size (HxWxD) - excluding legs	5.0 x 12.5 x 15.5 in (12.7 x 31.7 x 39.4 cm)
Weight	9.9 lb (4.5 kg)
Packaged Cabinet Size (HxWxD)	8.4 x 16.7 x 18.8 in (21.4 x 42.4 x 47.9 cm)
Packaged Weight	13.2 lb (6 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 345W
Heat	up-to 1,177 BTU/hr
Security Facilities	Kensington® Security Slot
UPC	4571194678376
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	1 year ownership / 500 hours use (which ever occurs first)

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**HDMI with MHL (Mobile High-Definition Link) displays HD Video from Smartphones & Tablets.**  
**Side-accessed air filter & top accessed lamp for ease of maintenance.**  
**Crestron RoomView™ & AMX Device Discovery Technology.**

 **Lamp Contains Mercury. Do not put in trash.**  
**Dispose-of-as Hazardous Waste, according to Local State or Federal Laws.**



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Includes a full complement of connections, including network control.

**INCLUDED ACCESSORIES:**

Quick Start Guide, VGA Computer Input Cable (Dsub15 to Dsub15), 6.0 ft (1.8 m) Detachable Power Cord, Remote Control (with 2 AAA Batteries).

**OPTIONAL ACCESSORIES:**

Replacement Lamp, Component Video Cable (3RCA to Dsub15), S-Video Cable (S-Video to Dsub15), Ceiling Mount, Ceiling Post and Plate, Soft Carry Bag.

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