



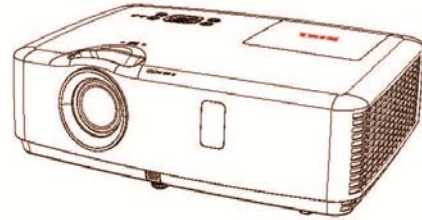
Projectors... and More!

EK-103X

3,300 ANSI Lumens / XGA / 3LCD
"Entry" Series Projector

EK-103X

3,300 ANSI lumens bright with 80% uniformity and a 1200:1 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.
 HDMI Digital connectivity with HDCP compliance.
 Convenient mid-range (1.2:1) manual zoom and focus lens.
 Fixed image offset. Automatic vertical digital 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.
 Closed Caption decoding (NTSC). Digital zoom: 1/4~ x16.
 Side-accessed air filter & top accessed lamp for ease of maintenance.
 Color board modes. Custom warm-up screen.
 Auto input selection. Built-in Test Patterns.
 Security bar. Kensington® MicroSaver® security slot. PIN lock.
 3 year projector warranty.



Included Accessories:

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

Specifications: Model EK-103X

Brightness	3,300 ANSI Lumens	Video Input Analog	480i/p, 575i/p
Contrast Ratio	1200:1	Video Input Digital	480p, 575p, 720p, 1080i/p
Illumination Uniformity	80%	Image Signal Resizing	Smart Scaling Technology
Resolution and Aspect Ratio	XGA (1024x768), 4:3	Image Signal Inputs	
Color Reproduction	24-bit (16.7 million colors)	Computer 1 (Component / S-Video)	Dsub15 x 1
Projection Lamp	218 Watts UHP	Digital Video (w/ HDCP)	HDMI x 1
Estimated Lamp Life (Eco / Normal)	10,000 / 4,000 hours	Composite Video	RCA x 1
Total Pixels	2,359,296 (1024x768) x 3	Outputs	
Imaging System	0.63 in (16 mm) inorganic LCD Panels x 3	Computer Monitor	Dsub15 x 1
Scanning Frequency	Auto: H Sync. 15-100 kHz, V Sync. 48-85 Hz	Fan Noise (Eco / Normal)	34.9 dB / 38.9 dB
Pixel Clock	up-to 160 MHz	Cabinet Size (HxWxD) - excluding legs	3.43 x 13.39 x 9.53 in (8.7 x 34.0 x 24.2 cm)
Lens	Attached - Manual Zoom and Focus	Weight	7.0 lb (3.2 kg)
Lens Specs	Speed: f: 1.6-1.76; FL: 0.754-0.906 in (19.1-23.0 mm)	Packaged Cabinet Size (HxWxD)	6.7 x 17.0 x 14.2 in (17.0 x 43.1 x 36.0 cm)
Lens Ratios	Zoom Max:Min: 1.2:1; Throw:Width 1.48-1.78:1	Packaged Weight	9.9 lb (4.5 kg)
Image Diagonal	30-300 in (762-762 cm)	Operating Temperature	41-95°F (5-35°C)
Image Width	2.6-20 ft (0.79-6.1 m)	Electrical Safety Compliance	IEC / UL / cUL
Throw Distance	2.9-35.5 ft (0.88-10.83 m)	Electromagnetic Compatibility	FCC Class B, CE Mark
Projector Elevation Adjustment (legs)	up-to 10°	Power Requirements	100-240V AC, 50/60 Hz
Maximum Pitch	Up-to 30° Up or Down	Power Consumption	0.5 W in Eco Standby mode, up-to 270 W
Anti Keystone	Fixed Image Offset, Ratio (Top/Bottom) 6:1	Heat	up-to 921 BTU/hr
Vertical Keystone Correction	Digital: up-to 30° Up or Down	Security Facilities	Kensington® Security Slot
Image Orientation	Normal, Reversed, Inverted	UPC	4571194677881
Local Control / Power Management	Full Function / Auto Shutdown	User Maintenance	Clean Filter, Replace Lamp
Remote Control	Wireless x 1	Limited Warranty: to the original end use customer only	
RS-232 Control	Dsub9 x 1	Projector	*3 years / 6000 hours
Computer Input in Pixels	up-to 1600x1200 (4:3), 1920x1200 (16:10)	Lamp	*1 year ownership / 500 hours use *(whichever occurs first)
Analog 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC		
Analog Wide Inputs	WUXGA, WSXGA+, WXGA+, WXGA		
Digital 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC		
Digital Wide Inputs	WUXGA, WSXGA+, WXGA+, WXGA		
Video Formats	NTSC / PAL / SECAM		

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