



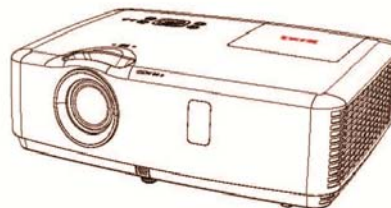
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EK-110U

3,600 ANSI Lumens / WXGA / 3LCD
 "Entry" Series Projector
 Crestron RoomView™ & AMX Device Discovery Technology

EK-110U

3,600 ANSI lumens bright with 80% uniformity and a 10,000:1 contrast ratio.
 Native WUXGA resolution. Compatible with inputs up-to UXGA and WUXGA.
 Supports analog and digital video input in all color standards up-to 1080p.
 HDMI with MHL (Mobile High-Definition Link) displays HD Video from Smartphones & Tablets.
 Convenient mid-range (1.2:1) 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.
 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.
 Auto input selection. Built-in Test Patterns.
 Security bar. Kensington® MicroSaver® security slot. PIN lock.
 3 year projector warranty.



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

Specifications: Model EK-110U

Brightness	3,600 ANSI Lumens	Image Signal Inputs	
Contrast Ratio	10,000:1	Computer 1 (Component / S-Video)	Dsub15 x 1
Illumination Uniformity	80%	Computer 2 (switchable Monitor Out)	Dsub15 x 1
Resolution and Aspect Ratio	WUXGA (1920x1200), 16:10	Digital Video (w/ HDCP)	HDMI x 1
Color Reproduction	10-bit (16.7 million colors)	Digital Video (w/ HDCP & MHL)	HDMI x 1
Projection Lamp	225 Watts UHP	USB Type A - Memory Viewer	USB Type A x 1
Estimated Lamp Life (Eco / Normal)	10,000 / 4,000 hours	USB Type B - USB Display / Service	USB Type B x 1
Total Pixels	2,304,000 (1920x1200) x 3	Composite Video	RCA x 1
Imaging System	0.64 in (16 mm) inorganic LCD Panels x 3	Audio Signal Inputs	
Scanning Frequency	Auto: H Sync. 15-100 kHz, V Sync. 48-85 Hz	Computer Audio	MiniStereo x 1
Pixel Clock	up-to 160 MHz	Video Audio	RCA x 2 (L/R)
Lens	Attached - Manual Zoom and Focus	Outputs	
Lens Specs	f: 1.6-1.76; FL: 0.751-0.905 in (19.1-23.0 mm)	Computer Monitor (Computer 2)	Dsub15 x 1
Lens Ratios	Zoom Max:Min: 1.2:1; Throw:Width 1.45 -1.74:1	Audio Output	Variable, Stereo: MiniStereo x 1
Image Diagonal	30-300 in (76.2-762 cm)	Amplifier	Mono: 10 Watt
Image Width	2.6-20 ft (0.79-6.1 m)	Speaker	1.4 in (3.7 cm) x 1 (Mono)
Throw Distance	3.08-38.0 ft (0.94-11.59 m)	Fan Noise (Eco / Normal)	34.9 dB / 38.9 dB
Projector Elevation Adjustment (legs)	up-to 10°	Cabinet Size (HxWxD) - excluding legs	4.3 x 13.7 x 10.2 in (10.9 x 34.7 x 25.9 cm)
Maximum Pitch	Up-to 30° Up or Down	Weight	7.0 lb (3.2 kg)
Anti Keystone	Fixed Image Offset, Ratio (Top/Bottom) 13:1	Packaged Cabinet Size (HxWxD)	7.6x 17.5 x 15.1 in (19.3 x 44.4 x 38.3 cm)
Vert/Horiz. Keystone Correction	Digital:V:±/ 30° - H: ±/ 15°, Corner Keystone	Packaged Weight	9.9 lb (4.5 kg)
Image Orientation	Normal, Reversed, Inverted	Operating Temperature	41-95°F (5-35°C)
Local Control / Power Management	Full Function / Auto Shutdown	Electrical Safety Compliance	IEC / UL / cUL
Remote Control	Wireless x 1	Electromagnetic Compatibility	FCC Class B, CE Mark
RS-232 Control	Dsub9 x 1	Power Requirements	100-240V AC, 50/60 Hz
LAN Port	RJ45 x 1	Power Consumption	0.5 W in Eco Standby mode, up-to 280 W
Computer Input in Pixels	up-to 1600x1200 (4:3), 1920x1200 (16:10)	Heat	up-to 956 BTU/hr
Analog 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	Security Facilities	Kensington® Security Slot
Analog Wide Inputs	WUXGA, WSXGA+, WXGA	UPC	457119467????
Digital 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	User Maintenance	Clean Filter, Replace Lamp
Digital Wide Inputs	WUXGA, WSXGA+, WXGA	Limited Warranty: to the original end use customer only	
Video Formats	NTSC / PAL / SECAM	Projector	*3 years / 6000 hours
Video Input Analog	480i/p, 575i/p	Lamp	*1 year ownership / 500 hours use *(whichever occurs first)
Video Input Digital	480p, 575p, 720p, 1080i/p		
Image Signal Resizing	Smart Scaling 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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