



Projectors... and More!

# EK-120U

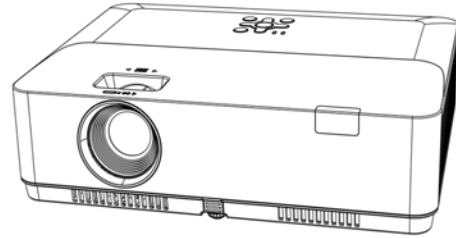
4,400 Lumens / WUXGA / 3LCD

"Entry" Series Projector

Crestron RoomView™ & AMX Device Discovery Technology

### EK-120U

4,400 center lumens bright with 80% uniformity and a 15,000:1 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 (1.66:1) manual zoom and focus lens.  
 Horizontal, Vertical & 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.  
 Side-accessed air filter 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, 5.0 ft (1.5 m) VGA Cable, 6.0 ft (1.8 m) Detachable Power Cord, Remote Control (with 2x AAA Batteries)

### Optional Accessories:

Replacement Lamp, Replacement Filter, Component Video Cable (3RCA to Dsub15), Ceiling Mount, Ceiling Post and Plate

### Specifications: Model EK-120U

<b>Brightness</b>	4,400 Center Lumens	<b>Image Signal Inputs</b>	
<b>Contrast Ratio</b>	15,000:1	<b>Computer 1 (Component / S-Video)</b>	Dsub15 x 1
<b>Illumination Uniformity</b>	80%	<b>Digital Video (w/ HDCP &amp; MHL)</b>	HDMI x 2
<b>Resolution and Aspect Ratio</b>	WUXGA (1920x1200), 16:10	<b>USB Type A - Memory Viewer</b>	USB Type A x 1
<b>Color Reproduction</b>	10-bit (16.7 million colors)	<b>USB Type B - USB Display / Firmware</b>	USB Type B x 1
<b>Projection Lamp</b>	225 Watts UHP	<b>Composite Video</b>	RCA x 1
<b>Estimated Lamp Life (Eco / Normal)</b>	20,000 / 10,000 hours	<b>Audio Signal Inputs</b>	
<b>Total Pixels</b>	6,912,000 (1920x1200) x 3	<b>Computer Audio</b>	MiniStereo x 1
<b>Imaging System</b>	0.64 in (16 mm) inorganic LCD Panels x 3	<b>Video Audio</b>	RCA x 2 (L/R)
<b>Scanning Frequency</b>	Auto: H Sync. 15-91 KHz, V Sync. 24-85 Hz	<b>Outputs</b>	
<b>Pixel Clock</b>	up-to 160 MHz	<b>Computer Monitor</b>	Dsub15 x 1
<b>Lens</b>	Attached - Manual Zoom and Focus	<b>Audio Output</b>	Variable, Stereo: MiniStereo x 1
<b>Lens Specs</b>	f: 1.7-2.11; FL: 0.689-1.142 in (17.50-29.01 mm)	<b>Amplifier</b>	Mono: 10 Watt
<b>Lens Ratios</b>	Zoom Max:Min: 1.66:1; Throw:Width 1.26-2.09:1	<b>Speaker</b>	1.4 in (3.7 cm) x 1 (Mono)
<b>Image Diagonal</b>	30-300 in (76.2-762 cm)	<b>Fan Noise (Eco / Normal)</b>	30.0 dB / 37.0 dB
<b>Image Width</b>	2.6-27.5 ft (0.8-8.4 m)	<b>Cabinet Size (HxWxD) - excluding legs</b>	3.9 x 13.6 x 10.3 in (9.9 x 34.5 x 26.1 cm)
<b>Throw Distance</b>	2.66-45.50 ft (0.812-13.869 m)	<b>Weight</b>	7.0 lb (3.2 kg)
<b>Projector Elevation Adjustment (legs)</b>	up-to 10°	<b>Packaged Cabinet Size (HxWxD)</b>	7.7 x 17.4 x 15.2 in (19.5 x 44.2 x 38.6 cm)
<b>Maximum Pitch</b>	Up-to 10° Up or Down	<b>Packaged Weight</b>	10.4 lb (4.7 kg)
<b>Anti Keystone</b>	Fixed Image Offset, Ratio (Top/Bottom) 8.71:1	<b>Operating Temperature</b>	41-95°F (5-35°C)
<b>Vert/Horiz. Keystone Correction</b>	Digital:V: +/- 30° - H: +/- 15°, Corner Keystone	<b>Electrical Safety Compliance</b>	IEC / UL / cUL
<b>Image Orientation</b>	Normal, Reversed, Inverted	<b>Electromagnetic Compatibility</b>	FCC Class B, CE Mark
<b>Local Control / Power Management</b>	Full Function / Auto Shutdown	<b>Power Requirements</b>	100-240V AC, 50/60 Hz
<b>Remote Control</b>	Wireless x 1	<b>Power Consumption</b>	0.5 W in Eco Standby mode, up-to 320 W
<b>RS-232 Control</b>	Dsub9 x 1	<b>Heat</b>	up-to 1092 BTU/hr
<b>LAN Port</b>	RJ45 x 1	<b>Security Facilities</b>	Kensington® Security Slot
<b>Computer Input in Pixels</b>	up-to 1600x1200 (4:3), 1920x1200 (16:10)	<b>UPC</b>	4571194679366
<b>Analog 4x3 Inputs</b>	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	<b>User Maintenance</b>	Clean Filter, Replace Lamp
<b>Analog Wide Inputs</b>	WUXGA, WSXGA+, WXGA	<b>Limited Warranty: to the original end use customer only</b>	
<b>Digital 4x3 Inputs</b>	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	<b>Projector</b>	*3 years / 6000 hours
<b>Digital Wide Inputs</b>	WUXGA, WSXGA+, WXGA	<b>Lamp</b>	10,000 hours use
<b>Video Formats</b>	NTSC / PAL / SECAM		*(whichever occurs first)
<b>Video Input Analog</b>	480i/p, 575i/p		
<b>Video Input Digital</b>	480p, 575p, 720p, 1080i/p		
<b>Image Signal Resizing</b>	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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