

4,600 / 4,700 ANSI Lumens • WXGA / WUXGA • DLP

# EK-401WA / EK-402UA

"Meeting Room" Series Projector



Excellent choice for Classrooms and Conference Rooms!

## Key Features:

- △ **EK-402UA:** 4,700 ANSI lumens bright and a 10,000:1 contrast ratio.
- △ **EK-401WA:** 4,600 ANSI lumens bright and a 10,000:1 contrast ratio.
- △ HDMI and DisplayPort Digital connectivity with HDCP compliance.
- △ **EK-402U:** Native WUXGA resolution. Compatible with inputs up-to UXGA and WUXGA.
- △ **EK-401W:** Native WXGA resolution. Compatible with inputs up-to UXGA and WSXGA+.
- △ Supports analog and digital video input in all color standards up-to 1080p.
- △ Compatible with Crestron RoomView™ & AMX Device Discovery Technology.
- △ Mid-range manual zoom and focus lens. Fixed image offset.
- △ 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 3 Watt sound system. Closed Caption decoding (NTSC).
- △ Wired network monitoring and control. Digital zoom: 50% to 400%.
- △ 3D Function (glasses not included).
- △ Top-accessed lamp for ease of maintenance.
- △ Custom warm-up screen. Auto input selection.
- △ Security bar. Kensington® MicroSaver® security slot. PIN lock.
- △ 3 year projector warranty.



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

# EK-402UA / EK-401WA SPECIFICATIONS:

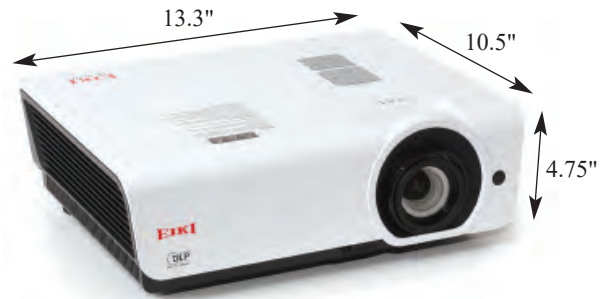
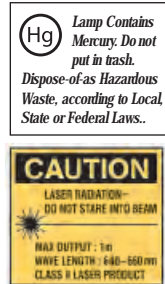
<b>Brightness</b>	
EK-402UA:	4,700 ANSI Lumens
EK-401WA:	4,600 ANSI Lumens
<b>Contrast Ratio</b> ..... 10,000:1 (Dynamic Eco mode)	
<b>Resolution and Aspect Ratio</b>	
EK-402UA:	WUXGA (1920 x 1200), 16:10
EK-401WA:	WXGA (1280 x 800), 16:10
<b>Color Reproduction</b> ..... 1.07 billion colors	
<b>Projection Lamp</b> ..... 310 Watts UHP	
<b>Estimated Lamp Life</b> ..... up-to 3,500 hours	
<b>Total Pixels</b>	
EK-402UA:	2,304,000 (1920 x 1200) x 1
EK-401WA:	1,024,000 (1280 x 800) x 1
<b>Imaging System</b>	
EK-402UA:	0.67" DMD™ DLP® chip x 1
EK-401WA:	0.65" DMD™ DLP® chip x 1
<b>Scanning Frequency</b> ..... Auto: H Sync. 31 ~ 92 kHz, V Sync. 48 ~ 120 Hz	
<b>Pixel Clock</b> ..... 150 MHz	
<b>Lens</b> ..... Attached ~ Manual Zoom and Focus	
<b>Lens Specs</b>	
EK-402UA:	Speed: f: 2.5 ~ 2.76; FL: 0.925 ~ 1.110 in (23.5 ~ 28.2 mm)
EK-401WA:	Speed: f: 2.4 ~ 2.97; FL: 0.822 ~ 1.220 in (20.9 ~ 31.0 mm)
<b>Lens Ratios</b>	
EK-402UA:	Zoom Max:Min: 1.5:1; Throw:Width 1.39 ~ 2.09:1
EK-401WA:	Zoom Max:Min: 1.5:1; Throw:Width 1.45 ~ 2.17:1
<b>Image Diagonal</b> ..... 30 ~ 300 in (76.2 ~ 762 cm)	
<b>Image Width</b> ..... 2.3 ~ 21.3 ft (0.7 ~ 6.5 m)	
<b>Throw Distance</b>	
EK-402UA:	3.28 ~ 32.8 ft (1.0 ~ 10.0 m)
EK-401WA:	3.9 ~ 32.8 ft (1.2 ~ 10.0 m)
<b>Projector Elevation Adjustment (legs)</b> ..... up-to 10°	
<b>Maximum Pitch</b> ..... up-to 15° Up or Down	
<b>Fixed Image Offset</b>	
EK-402UA:	21.8% of Image Height up
EK-401WA:	11.3% of Image Height up
<b>Vertical Keystone Correction</b>	
EK-402UA:	Digital: up-to 40° Up or Down
EK-401WA:	Digital: up-to 40° Up or Down
<b>Image Orientation</b> ..... Normal, Reversed, Inverted	
<b>Local Control / Power Management</b> ..... Full Function / Auto Shutdown	
<b>Remote Control / Service</b> ..... Wireless (with laser pointer) x 1 / USB-B x 1	
<b>RS-232 Control Port</b> ..... Dsub9 x 1	
<b>LAN Port</b> ..... RJ45 x 1	
<b>Computer Input in Pixels</b>	
EK-402UA:	up-to 1600 x 1200 (4:3), 1920 x 1200 (16:10)
EK-401WA:	up-to 1600 x 1200 (4:3), 1680 x 1050 (16:10)
<b>Analog 4x3 Inputs</b> ..... UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	

<b>Analog Wide Inputs</b>	
EK-402UA:	WUXGA, WSXGA+, WXGA+, WXGA
EK-401WA:	WSXGA+, WXGA+, WXGA
<b>Digital 4x3 Inputs</b> ..... UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	
<b>Digital Wide Inputs</b>	
EK-402UA:	WUXGA, WSXGA+, WXGA+, WXGA
EK-401WA:	WSXGA+, WXGA+, WXGA
<b>Video Formats</b> ..... NTSC / PAL / SECAM	
<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	
<b>Image Signal Inputs</b>	
Computer 1 / Component (w/ optional adapter) ..... Dsub15 x 1	
Computer 2 / Component (w/ optional adapter) ..... Dsub15 x 1	
Digital Video (w/ HDCP) ..... HDMI x 2	
Digital Video (w/ HDCP) ..... DisplayPort x 1	
S-Video ..... S-Video x 1	
Composite Video ..... RCA x 1	
<b>Audio Signal Inputs</b>	
Computer Audio ..... MiniStereo x 1	
Video Audio ..... RCA x 2 (L/R)	
<b>Outputs</b>	
Computer Monitor (Analog) ..... Dsub15 x 1	
Audio Output ..... Variable, Stereo: MiniStereo x 1	
Amplifier ..... Mono: 3 Watt	
Speaker ..... 1.4 in (3.7 cm) x 1 (Mono)	
Screen Trigger ..... DC12V x 1	
3D (EK-402UA) ..... 3D Sync x 1	
Fan Noise ..... as low as 35 dBA	
Cabinet Size (HxWxD) excluding legs ..... 4.75 x 13.3 x 10.5 in (12.0 x 33.8 x 26.7 cm)	
Weight ..... 8.4 lb (3.8 kg)	
Packaged Size (HxWxD) ..... 7.7 x 17.9 x 19.6 in (19.5 x 45.4 x 49.7 cm)	
Packaged Weight ..... 12.8 lb (5.8 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 370W	
Heat ..... up-to 1,263 BTU/hr	
Security Facilities ..... Security Bar, Kensington® Security Slot	
UPC - EK-402UA ..... 4571194678666	
UPC - EK-401WA ..... 4571194678635	
User Maintenance ..... 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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Includes a full complement of connections, including network control.



EK-402UA • WUXGA • DLP® projector.  
EK-401WA • WXGA • DLP® projector.



Connect and project.



Easy to change long-life lamp.

### 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, Soft Carry Bag, Remote Control (with 2 AAA Batteries).

### OPTIONAL ACCESSORIES:

Replacement Lamp, Ceiling Mount, Ceiling Post and Plate.

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