

5,100 ANSI Lumens • WUXGA • 3LCD

# EK-500U

"Conference" Series Projector



Excellent choice for Classrooms and Conference Rooms!

## Key Features:

- ▽ 5,100 ANSI lumens bright and a 2500:1 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.
- ▽ Durable inorganic 3-panel LCD imaging engine with a high contrast ratio.
- ▽ 10-bit color processing, for superior color reproduction.
- ▽ Power zoom and focus lens. Optional wide-angle and telephoto lenses.
- ▽ Vertical and Horizontal power lens shift and digital keystone correction.
- ▽ Includes a full set of analog and digital computer and video inputs.
- ▽ HDMI with MHL (Mobile High-Definition Link) displays HD Video from Smartphones and Tablets.
- ▽ Built-in 10 Watt amplifier and speaker system. Closed Caption decoding.
- ▽ Wired LAN connection for monitoring and control.
- ▽ Centered lens with 1-button release. Side-accessed lamp, side-accessed filter.
- ▽ Variable power management option. Optional local or remote keylock.
- ▽ Wireless/wired remote control with laser pointer.
- ▽ 3 year projector warranty.



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

# EK-500U SPECIFICATIONS:

Brightness ..... 5,100 ANSI Lumens  
 Contrast Ratio ..... 2500:1  
 Resolution and Aspect Ratio ..... WUXGA (1920 x 1200), 16:10  
 Color Reproduction ..... 10-bit (1.07 billion colors)  
 Projection Lamp ..... 350 Watts NSHA  
 Estimated Lamp Life: Normal / Eco ..... 3,000 / 4,000 hours  
 Total Pixels ..... 6,912,000 (1920 x 1200) x 3  
 Imaging System ..... 0.76 in (19 mm) Inorganic LCD Panels x 3  
 Scanning Frequency ..... Auto: H Sync. 15 ~ 100 kHz, V Sync. 48 ~ 85 Hz  
 Pixel Clock ..... 160 MHz  
 Lens ..... Changeable ~ Power Zoom and Focus  
 Lens Specs ..... Speed: f : 1.8 ~ 2.58; FL: 0.94 ~ 1.69 in (23.98 ~ 43.18 mm)  
 Lens Ratios ..... Zoom Max:Min: 1.8:1; Throw:Width 1.4 ~ 2.6:1  
 Image Diagonal ..... 40 ~ 300 in (102 ~ 762 cm)  
 Image Width ..... 2.67 ~ 26.7 ft (0.81 ~ 8.1 m)  
 Throw Distance ..... 3.9 ~ 55.9 ft (1.2 ~ 17.0 m)  
 Projector Elevation Adjustment (legs) ..... up-to 4° Up or Down  
 Maximum Pitch ..... up-to 360°  
 Vertical Lens Shift (% of image height) ..... up-to 60% Up or Down  
 Horizontal Lens Shift (% of image width) ..... up-to 30% Left or Right  
 Vertical Keystone Correction ..... Digital: up-to 15° Up or Down  
 Image Orientation ..... Normal, Reversed, Inverted  
 Local Control / Power Management ..... Full Function / Auto Shutdown  
 Remote Control ..... Wireless / Wired (with laser pointer) x 1  
 Wired Remote Control ..... IN: MiniStereo x 1, OUT: MiniStereo 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 / NTSC 4.43 / PAL-M&N  
 Video Input Analog ..... 480i/p, 575i/p, 720p, 1035i, 1080i/p  
 Video Input Digital ..... 480p, 575p, 720p, 1035i, 1080i/p  
 Image Signal Resizing ..... Smart Scaling Technology

Image Signal Inputs  
 1a: Analog Computer ..... Dsub15 x 1  
     Digital Computer / Digital Video w/ HDCP ..... DVI-D x 1  
 1b: Digital Computer / Digital Video w/ HDCP ..... HDMI x 2  
 2: RGBHV / YCbCr ..... BNC x 5  
     Component Video, 3BNC  
 3a: Composite Video ..... BNC x 1  
 3b: S-Video ..... S-Video x 1  
 USB Display ..... Micro USB x 1  
 Wifi Display ..... PW Presenter x 1  
 Memory Viewer ..... USB Type A x 1  
 Audio Signal Inputs  
     For Inputs 1 & 2 ..... Stereo: MiniStereo x 3  
     For Video & S-Video ..... RCA x 4  
 Outputs  
     Computer Monitor ..... 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) ..... 32 dB / 36 dBA  
 Cabinet Size (HxWxD) ..... 7.0 x 18.9 x 16.4 in (17.7 x 48.0 x 41.6 cm)  
 Weight ..... 21.6 lb (9.8 kg)  
 Packaged Cabinet Size (HxWxD) ..... 12.5 x 26.8 x 22.9 in (31.8 x 68.1 x 58.1 cm)  
 Packaged Weight ..... 35.0 lb (15.9 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 480W  
 Heat ..... up-to 1,638 BTU/hr  
 Security Facilities ..... Kensington® Security Slot  
 UPC ..... 4571194677652  
 User Maintenance ..... Clean air filter, Replace Lamp  
 Limited Warranty: to the original end-use customer only  
     Projector ..... 3 years / 6000 hours (which ever occurs first)  
     Lamp ..... 6 month ownership / 500 hours use (which ever occurs first)

EIKI® is a registered trademark of Eiki International, Inc. Kensington® is a registered trademark of ACCO Brands Corporation.  
 Crestron Roomview is a registered trademark of Crestron Electronics, Inc.

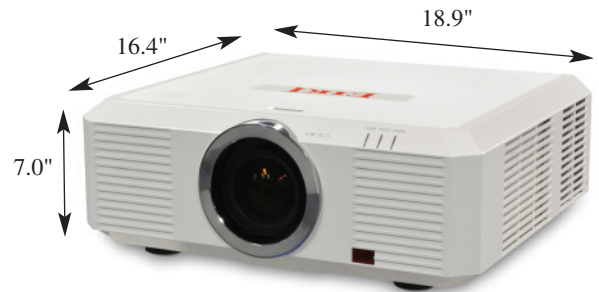
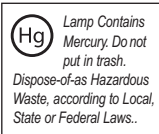
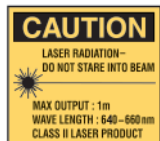
**High Contrast Durable Inorganic LCD Panels.  
 Cost-Effective Large Venue Performance.  
 Crestron RoomView™ & AMX Device Discovery Technology.**



Includes a full complement of connections, including network control.



Range of wide angle and telephoto lenses.



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**INCLUDED ACCESSORIES:**

Quick Start Guide, Owner's Manual on CD-ROM, VGA Computer Input Cable (Dsub15 to Dsub15), 10 ft (3 m) Detachable Power Cord, Wireless/Wired Remote Control (with 2 AA Batteries).

**OPTIONAL ACCESSORIES:**

Replacement Lamp, Wideangle, Midrange and Telephoto Lenses, ATA-Style Shipping Case with Wheel and Telescoping Handle, Wired Remote Cable (MiniStereo-MiniStereo), Ceiling Mount, Ceiling Post and Plate.

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