

8,000 ANSI Lumens • XGA • 3LCD

# EK-512X

## "Conference" Series Projector



Excellent choice for Classrooms and Conference Rooms!

### Key Features:

- ▽ 8,000 ANSI lumens bright with 80% uniformity and a 2500:1 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.
- ▽ 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 Corner Keystone Correction.
- ▽ Includes a full set of analog and digital computer and video inputs.
- ▽ 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.
- ▽ Edge Blending Feature.
- ▽ Wireless/wired remote control with laser pointer.
- ▽ 3 year projector warranty.



# Touchboards

205 Westwood Ave, Long Branch, NJ 07740  
Phone: 866-94 BOARDS (26273) / (732)-222-1511  
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

# EIKI

Projectors... and more!

# EK-512X Specifications:

Brightness . . . . . 8,000 ANSI Lumens  
 Contrast Ratio . . . . . 2500:1  
 Illumination Uniformity . . . . . 80%  
 Resolution and Aspect Ratio . . . . . XGA (1024 x 768), 4:3  
 Color Reproduction . . . . . 10-bit (1.07 billion colors)  
 Projection Lamp . . . . . 430 Watts NSHA  
 Estimated Lamp Life: Normal / Eco . . . . . 3,000 / 4000 hours  
 Total Pixels . . . . . 2,359,296 (1024x768) x 3  
 Imaging System . . . . . 0.79 in (20 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 1.5 ~ 2.7:1  
 Image Diagonal . . . . . 40 ~ 300 in (102 ~ 762 cm)  
 Image Width . . . . . 2.67 ~ 20.0 ft (0.81 ~ 6.1 m)  
 Throw Distance . . . . . 3.8 ~ 53.8 ft (1.16 ~ 16.4m)  
 Projector Elevation Adjustment (legs) . . . . . up-to 5° 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 30° Up or Down  
 Horizontal Keystone Correction . . . . . Digital: up-to 15° Left or Right  
 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 - Display / Control . . . . . 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  
 1b: Digital Computer / Digital Video w/ HDCP & MH . . . . . 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 / Service . . . . . Micro USB x 1  
 Memory Viewer . . . . . USB Type A x 1  
 Audio Signal Inputs  
 For Inputs 1 & 2 . . . . . Stereo: MiniStereo x 2  
 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 . . . . . 1.46 in (3.7 cm) x 1 (Mono)  
 Fan Noise - Eco / Normal . . . . . 34 dB / 40 dB  
 Cabinet Size (HxWxD) . . . . . 7.0 x 18.6 x 16.2 in (17.7 x 47.2 x 41.1 cm)  
 Weight without lens . . . . . 21.3 lb (9.7 kg)  
 Packaged Size (HxWxD) . . . . . 11.6 x 24.4 x 23.0 in (29.4 x 62.0 x 58.5 cm)  
 Packaged Weight with lens . . . . . 29.7 lb (13.5 kg)  
 Packaged Weight without lens . . . . . 27.9 lb (12.7 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 580 W  
 Heat . . . . . up-to 2,013 BTU/hr  
 Security Facilities . . . . . Kensington® Security Slot  
 UPC - EK-512X . . . . . 4571194678789  
 UPC - EK-512XL (without lens) . . . . . 4571194678871  
 User Maintenance . . . . . Replace 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.

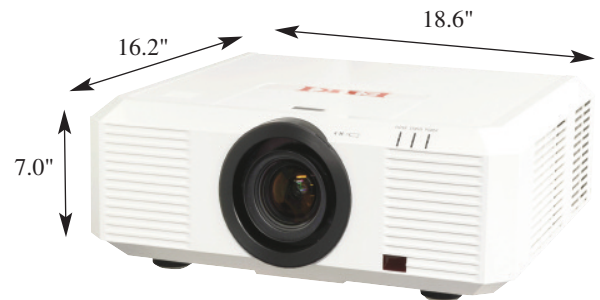
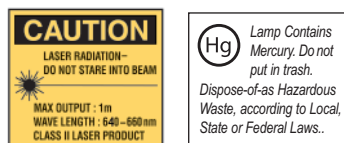
**High Contrast Durable Inorganic LCD Panels.**  
**Cost-Effective Large Venue Performance.**  
**Crestron RoomView™ & AMX Device Discovery Technology.**



Includes a full complement of connections, including network control.



Range of wide angle and telephoto lenses.



EK-512X • XGA • 3LCD projector.

**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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**EIKI**  
 Projectors... and more!  
 www.eiki.com

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